

Converting Colors

XYZ(82.2119, 82.9557, 78.0096)

Have a look what the booklet for
XYZ(82.2119, 82.9557, 78.0096)
contains.

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Color

**XYZ(82.1917, 82.9156,
78.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6DA
RGB	255, 230, 218
RGB Percent	100%, 90%, 85%
CMY	0.0000, 0.0980, 0.1451
CMYK	0.00, 0.10, 0.15, 0.00
HSL	19°, 100%, 93%
HSV	19°, 15%, 100%
XYZ	82.1917, 82.9156, 78.0020
YIQ	236.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

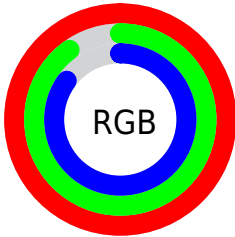
Format	Color
R_{YB}	255, 236, 218
Decimal	16770778
CIE _{Lab}	92.98, 6.63, 8.94
CIE _{LCh}	93, 11.126, 53.440
Yxy	82.9156, 0.3381, 0.3411
Android (android.graphics.Color)	4294960858 (0xFFFFE6DA)
YUV	236.1070, -8.9268, 16.5692
Hunter-Lab	91.0580, 1.7680, 12.9517

Details

The XYZ color **82.1917, 82.9156, 78.0020** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.0132, 86.2242, 107.0862**, and the grayscale version is **79.8686, 84.0280, 91.5065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2295, 45.3101, 41.0122** is the 20% darker color. If you saturate the color by 10%, you get **74.5491, 72.5659, 60.2386**, and if you desaturate by 10%, it is **90.8254, 94.4252, 98.6307**.

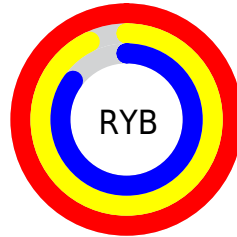
Distribution



Red (100%)

Green (90%)

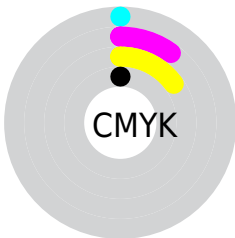
Blue (85%)



Red (100%)

Yellow (93%)

Blue (85%)

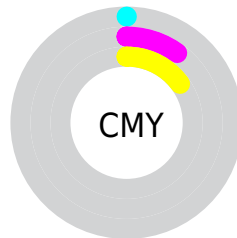


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1917, 82.9156, 78.0020 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.1917, 82.9156, 78.0020 by changing the saturation by 10% instead.


 82.1917, 82.9156,
78.0020

 82.1917, 82.9156,
78.0020


490.9135,
504.7052, 507.7017

 61.8382, 62.1205,
57.5592

135.3772,
137.4572, 132.3388

 45.1571, 45.1301,
41.0420


168.9400,
171.9726, 167.0699

 31.7830, 31.5599,
28.0320


207.6365,
211.8302, 207.4008

 21.3505, 21.0256,
18.1105

251.8322,
257.4144, 253.7501

 13.4944, 13.1427,
10.8591

301.8923,
309.1096, 306.5363

 7.8492, 7.5269,
5.8592

358.1824,

 4.0496, 3.7937,

367.3002, 366.1779

2.6922

421.0676,
432.3706, 433.0936

■ 1.7302, 1.5589,
0.9395

■ 0.4751, 0.3296,
0.0000

■ 82.1917, 82.9156,
78.0020

■ 82.1917, 82.9156,
78.0020

■ 74.5491, 72.5659,
60.2386

■ 90.8254, 94.4252,
98.6307

■ 67.8546, 63.3289,
45.2074

95.0500, 100.0000,
108.9000

■ 62.0708, 55.1693,
32.7727

■ 57.1551, 48.0461,
22.7849

■ 53.0612, 41.9154,
15.0791

■ 49.7383, 36.7299,
9.4694

■ 47.1284, 32.4375,
5.7405

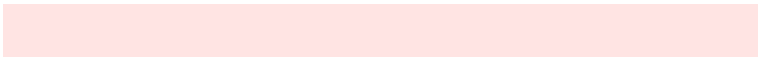
■ 45.1635, 28.9801,
3.6289

■ 44.3132, 27.4064,
2.9544

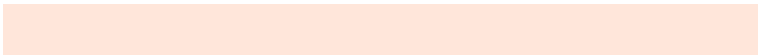
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0590, 82.9156, 84.0505



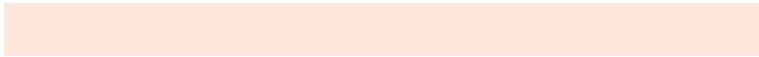
82.1917, 82.9156, 78.0020



79.4503, 82.9156, 75.2673

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1917, 82.9156, 78.0020



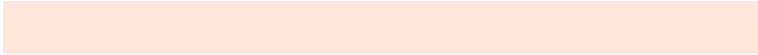
73.3755, 82.9156, 88.4612



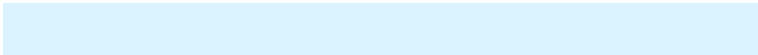
81.0574, 82.9156, 105.8090

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



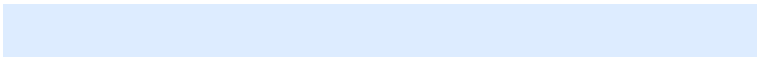
82.1917, 82.9156, 78.0020



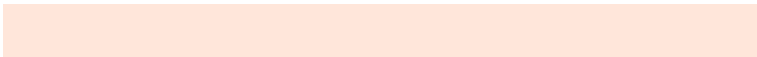
79.0132, 86.2242, 107.0862

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1708, 82.9156, 107.1692



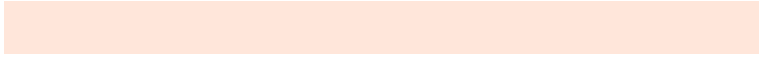
82.1917, 82.9156, 78.0020



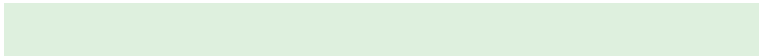
73.7819, 82.9156, 96.8121

Square

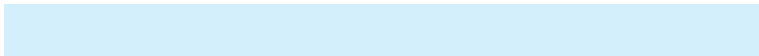
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1917, 82.9156, 78.0020



74.3958, 82.9156, 81.0610



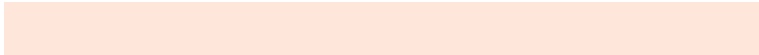
75.5200, 82.9156, 103.7854



83.3929, 82.9156, 100.1749

Rectangle

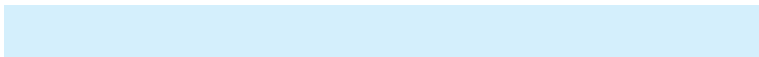
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1917, 82.9156, 78.0020



77.5144, 82.9156, 75.5637



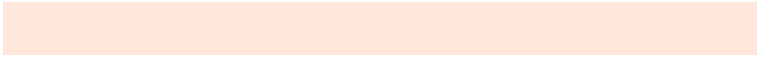
75.5200, 82.9156, 103.7854



80.1175, 82.9156, 106.7950

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82.1937, 82.9191, 78.0037



91.2920, 95.0425, 99.7596



82.5324, 77.8919, 95.7037



19.3929, 20.1480, 20.9962



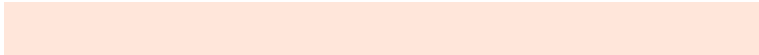
0.0000, 0.0000, 0.0000



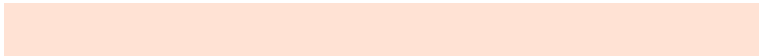
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1937, 82.9191, 78.0037



80.1986, 80.2339, 73.3159



87.5293, 93.5903, 79.7823



18.4906, 18.9493, 18.8274



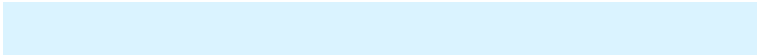
23.2743, 14.5599, 1.5836



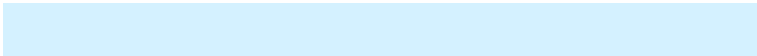
2.3605, 1.6064, 0.1857

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.0132, 86.2242, 107.0862



76.5365, 84.0370, 106.7946



73.8310, 75.8598, 105.3588



18.0289, 19.4295, 23.0500



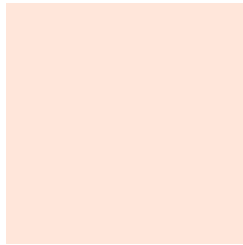
17.3077, 19.5250, 52.2911



1.7846, 2.0999, 5.1245

Previews

White Background



This preview shows how the XYZ color 82.1917, 82.9156, 78.0020 looks on a white background.

Color Contrast Check

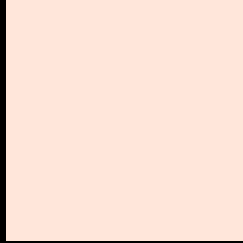
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.1917, 82.9156, 78.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

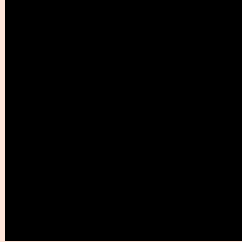
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1917, 82.9156, 78.0020

Background



This preview shows how black text looks on a background with the XYZ color 82.1917, 82.9156, 78.0020.

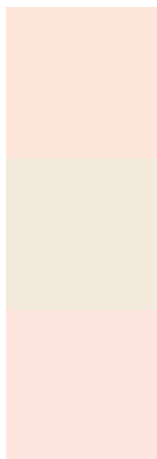


This preview shows how white text looks on a background with the XYZ color 82.1917, 82.9156,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.1917, 82.9156, 78.0020

Protanopia

79.3032, 83.0676, 79.5641

Deuteranopia

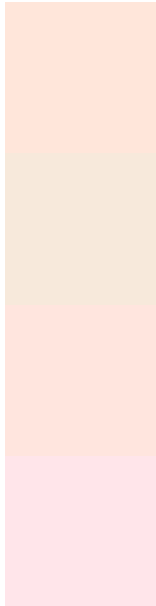
82.7139, 82.6804, 82.1204



Tritanopia

85.1611, 83.2179, 96.3682

Trichromacy



Original Color

82.1917, 82.9156, 78.0020

Protanomaly

80.2829, 83.1665, 78.8392

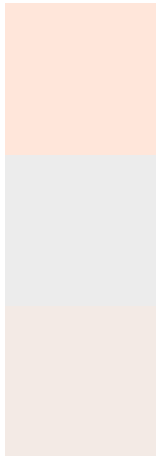
Deuteranomaly

82.4441, 82.5725, 80.7001

Tritanomaly

84.1106, 83.2391, 89.4756

Monochromacy



Original Color

82.1917, 82.9156, 78.0020

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.5278, 83.5575, 86.0127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1917, 82.9156, 78.0020 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(255, 230, 218) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 230, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 218) }
```

Border

The CSS property to change the border of an element to XYZ 82.1917, 82.9156, 78.0020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

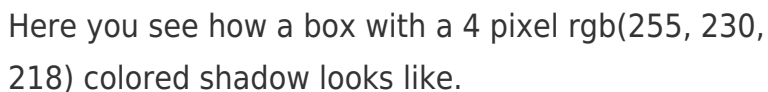
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 230, 218) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 230, 218) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(255, 230, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 230, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 230, 218); box-shadow:4px 4px 4px 4px rgb(255, 230, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1917, 82.9156, 78.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
230, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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