

Converting Colors

XYZ(82.0596, 83.5468, 78.3707)

Have a look what the booklet for
XYZ(82.0596, 83.5468, 78.3707)
contains.

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Color

**XYZ(82.0195, 83.6578,
78.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE8DA
RGB	253, 232, 218
RGB Percent	99%, 91%, 85%
CMY	0.0078, 0.0902, 0.1451
CMYK	0.00, 0.08, 0.14, 0.01
HSL	24°, 90%, 92%
HSV	24°, 14%, 99%
XYZ	82.0195, 83.6578, 78.1543
YIQ	236.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

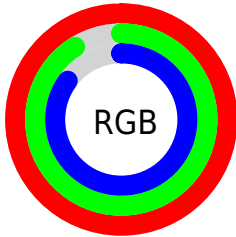
Format	Color
R _Y B	253, 241, 218
Decimal	16640218
CIE Lab	93.30, 4.90, 9.38
CIE LCh	93, 10.581, 62.431
Yxy	83.6578, 0.3364, 0.3431
Android (android.graphics.Color)	4294830298 (0xFFFDE8DA)
YUV	236.6830, -9.2107, 14.3100
Hunter-Lab	91.4646, 0.0040, 13.3634

Details

The XYZ color **82.0195, 83.6578, 78.1543** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5092, 83.7286, 105.0054**, and the grayscale version is **80.3138, 84.4964, 92.0166**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9011, 45.4308, 41.0528** is the 20% darker color. If you saturate the color by 10%, you get **74.8696, 74.2576, 60.6648**, and if you desaturate by 10%, it is **90.0483, 94.0055, 98.4320**.

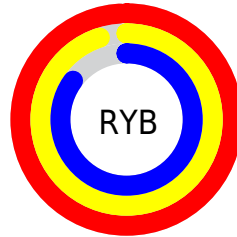
Distribution



Red (99%)

Green (91%)

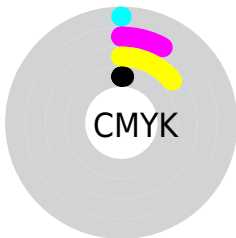
Blue (85%)



Red (99%)

Yellow (95%)

Blue (85%)

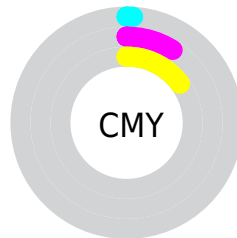


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (1%)



Cyan (1%)


Magenta (9%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0195, 83.6578, 78.1543 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 82.0195, 83.6578, 78.1543 by changing the saturation by 10% instead.


 82.0195, 83.6578,
78.1543

 82.0195, 83.6578,
78.1543


490.3464,
507.1762, 508.2325

 61.6958, 62.7329,
57.6835


135.1370,
138.4964, 132.5555

 45.0416, 45.6252,
41.1413


168.6615,
173.1789, 167.3229

 31.6916, 31.9502,
28.1090


207.3170,
213.2161, 207.6931

 21.2805, 21.3234,
18.1681

251.4688,
258.9924, 254.0844

 13.4428, 13.3606,
10.9000

301.4823,
310.8922, 306.9155

 7.8132, 7.6773,
5.8863

357.7228,

 4.0265, 3.8892,

369.2998, 366.6048

2.7084

420.5558,
434.5997, 433.5710

■ 1.7171, 1.6118,
0.9477

■ 0.4670, 0.3655,
0.0000

■ 82.0195, 83.6578,
78.1543

■ 82.0195, 83.6578,
78.1543

■ 74.8696, 74.2576,
60.6648

■ 90.0483, 94.0055,
98.4320

■ 68.5597, 65.7660,
45.8347

94.3184, 99.6228,
108.8658

■ 63.0578, 58.1576,
33.5331

■ 58.3271, 51.4016,
23.6158

■ 54.3275, 45.4650,
15.9235

■ 51.0146, 40.3124,
10.2777

■ 48.3383, 35.9051,
6.4714

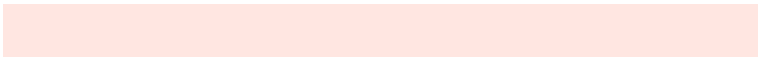
■ 46.2390, 32.1993,
4.2527

■ 45.1848, 30.2358,
3.4546

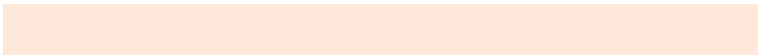
Harmonies

Analogous

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



84.1222, 83.6578, 83.1064



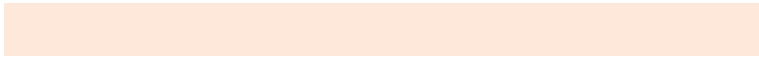
82.0195, 83.6578, 78.1543



79.2872, 83.6578, 76.6041

Triad

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



82.0195, 83.6578, 78.1543



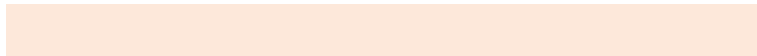
74.2811, 83.6578, 91.7414



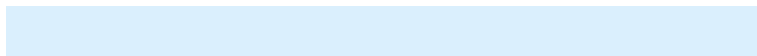
82.4219, 83.6578, 104.6622

Complementary

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



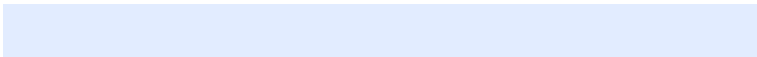
82.0195, 83.6578, 78.1543



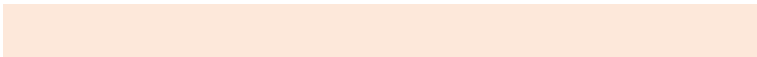
77.5092, 83.7286, 105.0054

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.



79.7417, 83.6578, 107.2939



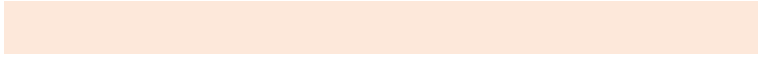
82.0195, 83.6578, 78.1543



75.0777, 83.6578, 99.5673

Square

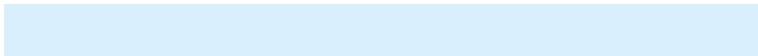
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0195, 83.6578, 78.1543



74.8592, 83.6578, 84.1712



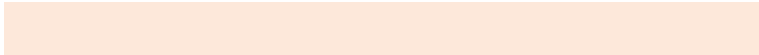
77.0605, 83.6578, 105.3777



84.3583, 83.6578, 98.3761

Rectangle

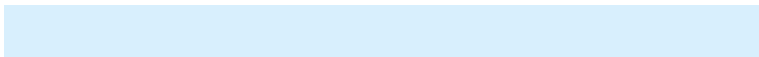
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0195, 83.6578, 78.1543



77.4876, 83.6578, 77.6306



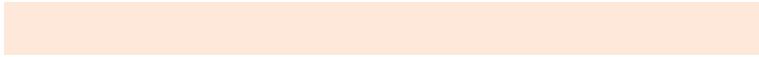
77.0605, 83.6578, 105.3777



81.5759, 83.6578, 106.0196

Sweetspot

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



82.0218, 83.6615, 78.1561



91.5299, 95.5184, 99.8390



81.1604, 77.2586, 92.2971



19.4530, 20.2682, 21.0163



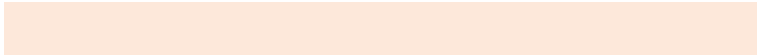
0.0000, 0.0000, 0.0000



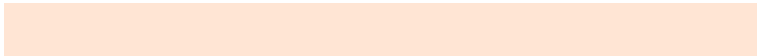
20.3446, 21.4041, 23.3091

Same Dimension

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



82.0218, 83.6615, 78.1561



81.0977, 82.0321, 73.6156



87.1942, 94.0064, 79.8802



18.6058, 19.1799, 18.8658



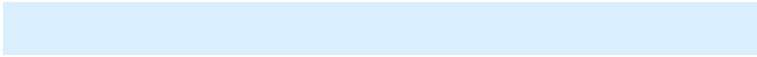
24.1696, 16.3504, 1.8821



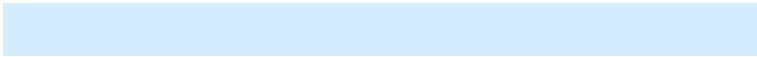
2.4567, 1.7988, 0.2177

Inverse Universe

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



77.5092, 83.7286, 105.0054



75.5745, 82.1130, 106.4739



72.6328, 73.9758, 103.3799



17.9094, 19.1904, 23.0101



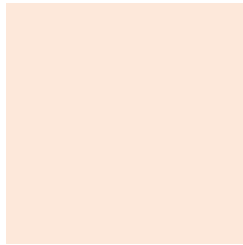
15.5309, 15.9713, 51.6988



1.6192, 1.7690, 5.0694

Previews

White Background



This preview shows how the XYZ color 82.0195, 83.6578, 78.1543 looks on a white background.

Color Contrast Check

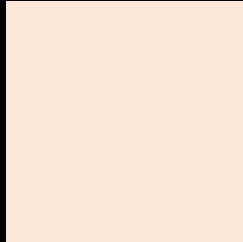
Large Text (above 18pt) WCAG AA × Fail

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 82.0195, 83.6578, 78.1543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

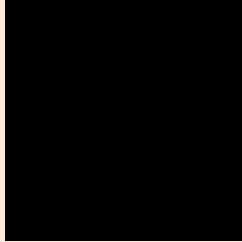
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0195, 83.6578, 78.1543

Background



This preview shows how black text looks on a background with the XYZ color 82.0195, 83.6578, 78.1543.

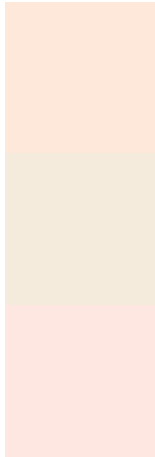


This preview shows how white text looks on a background with the XYZ color 82.0195, 83.6578,

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

82.0195, 83.6578, 78.1543

Protanopia

79.9348, 83.8171, 79.6754

Deuteranopia

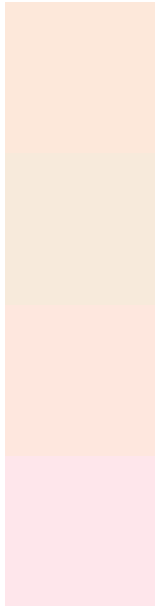
83.4065, 83.8481, 83.0225



Tritanopia

85.7407, 83.8912, 98.0598

Trichromacy



Original Color

82.0195, 83.6578, 78.1543

Protanomaly

80.5668, 83.7343, 78.9338

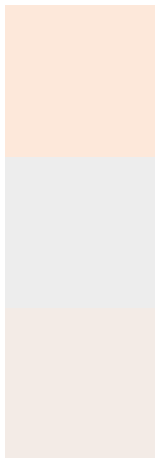
Deuteranomaly

82.6338, 83.4966, 80.8684

Tritanomaly

84.1653, 83.6626, 90.3098

Monochromacy



Original Color

82.0195, 83.6578, 78.1543

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.9534, 84.1845, 86.8454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0195, 83.6578, 78.1543 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(253, 232, 218) looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 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(253, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 218) }
```

Border

The CSS property to change the border of an element to XYZ 82.0195, 83.6578, 78.1543 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(253, 232, 218) }
```


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

```
.border{ border-color:rgb(253, 232, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 232, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 218);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0195, 83.6578, 78.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 218) }
```

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

```
.background{ background-color: rgb(253,  
232, 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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