

Converting Colors

XYZ(82.0424, 83.2890, 75.8807)

Have a look what the booklet for
XYZ(82.0424, 83.2890, 75.8807)
contains.

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Color

**XYZ(82.0817, 83.3181,
76.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7D7
RGB	255, 231, 215
RGB Percent	100%, 91%, 84%
CMY	0.0000, 0.0941, 0.1569
CMYK	0.00, 0.09, 0.16, 0.00
HSL	24°, 100%, 92%
HSV	24°, 16%, 100%
XYZ	82.0817, 83.3181, 76.0458
YIQ	236.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

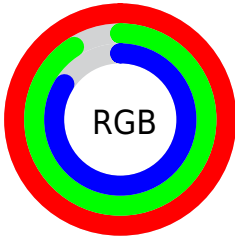
Format	Color
R _Y B	255, 242, 215
Decimal	16771031
CIE _{Lab}	93.15, 5.66, 10.75
CIE _{LCh}	93, 12.146, 62.248
Y _{xy}	83.3181, 0.3400, 0.3451
Android (android.graphics.Color)	4294961111 (0xFFFFE7D7)
Y _{UV}	236.3520, -10.5265, 16.3543
Hunter-Lab	91.2787, 0.7769, 14.4997

Details

The XYZ color **82.0817, 83.3181, 76.0458** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.9401, 83.3978, 106.6499**, and the grayscale version is **80.0679, 84.2377, 91.7348**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9638, 45.2038, 39.6131** is the 20% darker color. If you saturate the color by 10%, you get **74.9613, 73.9189, 58.7470**, and if you desaturate by 10%, it is **90.0908, 93.6771, 96.1626**.

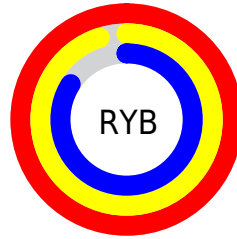
Distribution



Red (100%)

Green (91%)

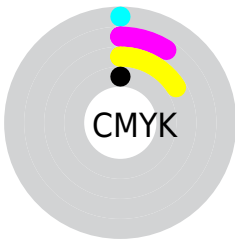
Blue (84%)



Red (100%)

Yellow (95%)

Blue (84%)

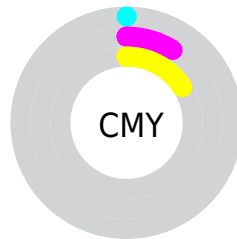


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (9%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0817, 83.3181, 76.0458 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 82.0817, 83.3181, 76.0458 by changing the saturation by 10% instead.


 82.0817, 83.3181,
76.0458

 82.0817, 83.3181,
76.0458


490.5513,
506.0461, 500.8555

 61.7472, 62.4526,
55.9632


135.2238,
138.0209, 129.5523

 45.0833, 45.3985,
39.7696


168.7621,
172.6270, 163.8133

 31.7246, 31.7714,
27.0465


207.4324,
212.5821, 203.6375

 21.3058, 21.1870,
17.3754

251.6001,
258.2705, 249.4435

 13.4614, 13.2607,
10.3377

301.6304,
310.0768, 301.6497

 7.8262, 7.6083,
5.5149

357.8889,

 4.0348, 3.8454,

368.3852, 360.6747

2.4885

420.7407,
433.5801, 426.9371

■ 1.7219, 1.5874,
0.8340

■ 0.4699, 0.3491,
0.0000

■ 82.0817, 83.3181,
76.0458

■ 82.0817, 83.3181,
76.0458

■ 74.9613, 73.9189,
58.7470

■ 90.0908, 93.6771,
96.1626

■ 68.6909, 65.4403,
44.1336

95.0500, 100.0000,
108.9000

■ 63.2371, 57.8559,
32.0700

■ 58.5615, 51.1339,
22.4066

■ 54.6229, 45.2403,
14.9780

■ 51.3748, 40.1384,
9.5974

■ 48.7649, 35.7879,
6.0471

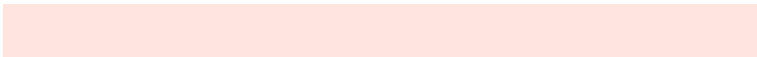
■ 46.7299, 32.1431,
4.0580

■ 45.9945, 30.7691,
3.5148

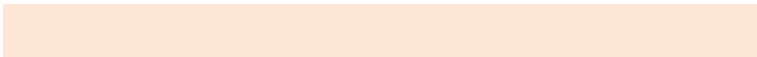
Harmonies

Analogous

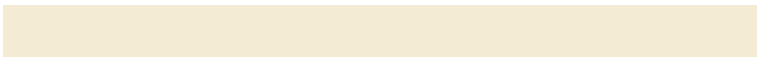
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4925, 83.3181, 81.6660



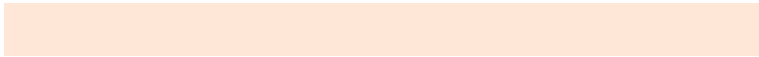
82.0817, 83.3181, 76.0458



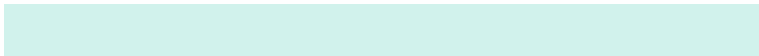
78.9510, 83.3181, 74.2755

Triad

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



82.0817, 83.3181, 76.0458



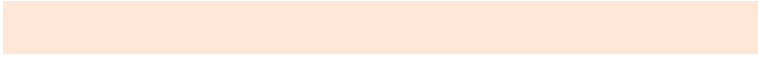
73.2197, 83.3181, 91.4099



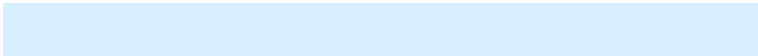
82.5092, 83.3181, 106.4003

Complementary

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



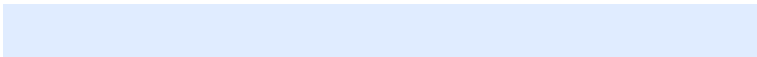
82.0817, 83.3181, 76.0458



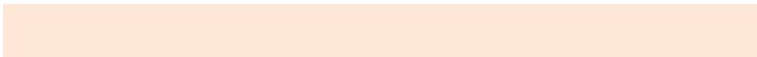
76.9401, 83.3978, 106.6499

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.



79.4322, 83.3181, 109.4268



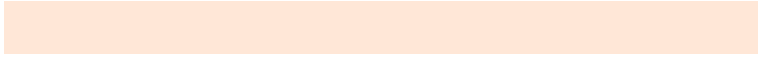
82.0817, 83.3181, 76.0458



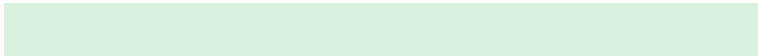
74.1167, 83.3181, 100.4180

Square

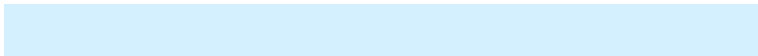
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0817, 83.3181, 76.0458



73.8868, 83.3181, 82.7836



76.3697, 83.3181, 107.1683



84.7439, 83.3181, 99.1465

Rectangle

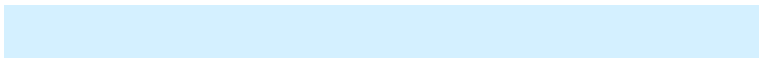
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0817, 83.3181, 76.0458



76.8919, 83.3181, 75.4138



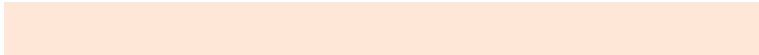
76.3697, 83.3181, 107.1683



81.5362, 83.3181, 107.9669

Sweetspot

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



82.0836, 83.3216, 76.0475



90.6730, 94.4226, 97.6478



81.1210, 76.0938, 92.0739



19.2800, 20.0468, 20.5749



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.



82.0836, 83.3216, 76.0475



79.6265, 80.1010, 70.0077



88.0032, 95.1609, 78.0208



18.6058, 19.1798, 18.8658



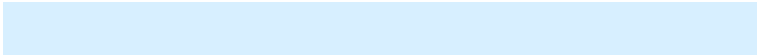
24.1695, 16.3502, 1.8820



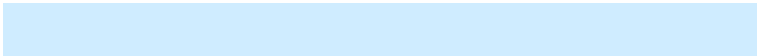
2.4567, 1.7988, 0.2177

Inverse Universe

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



76.9401, 83.3978, 106.6499



73.5410, 80.1895, 106.2098



71.4068, 72.3312, 104.8055



17.9094, 19.1904, 23.0101



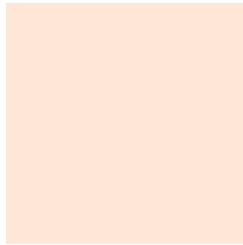
15.5310, 15.9716, 51.6988



1.6192, 1.7691, 5.0694

Previews

White Background



This preview shows how the XYZ color 82.0817, 83.3181, 76.0458 looks on a white background.

Color Contrast Check

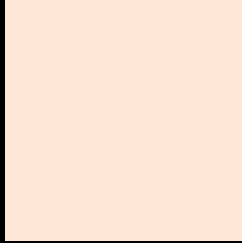
Large Text (above 18pt) WCAG AA × Fail

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 82.0817, 83.3181, 76.0458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

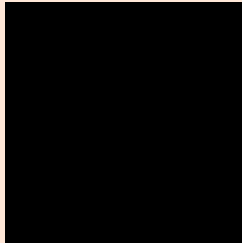
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0817, 83.3181, 76.0458

Background



This preview shows how black text looks on a background with the XYZ color 82.0817, 83.3181, 76.0458.



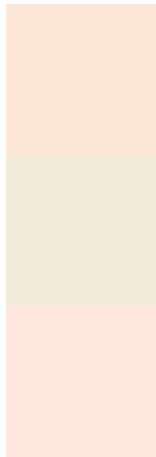
This preview shows how white text looks on a background with the XYZ color 82.0817, 83.3181,

76.0458.

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

82.0817, 83.3181, 76.0458

Protanopia

79.5409, 83.6595, 77.6013

Deuteranopia

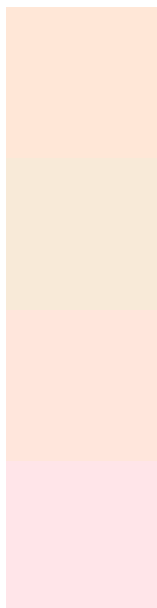
82.8561, 83.1813, 81.5007



Tritanopia

85.1611, 83.2179, 96.3682

Trichromacy



Original Color

82.0817, 83.3181, 76.0458

Protanomaly

80.5289, 83.7600, 76.8887

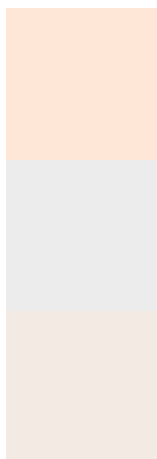
Deuteranomaly

82.4551, 83.0209, 79.3889

Tritanomaly

83.9673, 83.1818, 88.7209

Monochromacy



Original Color

82.0817, 83.3181, 76.0458

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.3886, 83.5018, 85.2793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0817, 83.3181, 76.0458 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, 231, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 215)  
}
```

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, 231, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 215) }
```

Border

The CSS property to change the border of an element to XYZ 82.0817, 83.3181, 76.0458 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, 231, 215) }
```


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

```
.border{ border-color:rgb(255, 231, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0817, 83.3181, 76.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 215) }
```

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

```
.background{ background-color: rgb(255,  
231, 215) }
```

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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