

Converting Colors

XYZ(77.7994, 79.2534, 65.2454)

Have a look what the booklet for
XYZ(77.7994, 79.2534, 65.2454)
contains.

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Color

**XYZ(77.6500, 79.2117,
65.2296)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE2C7
RGB	252, 226, 199
RGB Percent	99%, 89%, 78%
CMY	0.0118, 0.1137, 0.2196
CMYK	0.00, 0.10, 0.21, 0.01
HSL	31°, 90%, 88%
HSV	31°, 21%, 99%
XYZ	77.6500, 79.2117, 65.2296
YIQ	230.6960, 24.1630, -2.8850

Conversions

Conversions Part 2

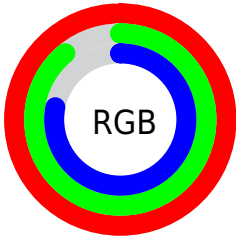
Format	Color
R _Y B	250, 252, 199
Decimal	16573127
CIE Lab	91.33, 4.79, 16.45
CIE LCh	91, 17.134, 73.774
Yxy	79.2117, 0.3496, 0.3567
Android (android.graphics.Color)	4294763207 (0xFFFC E2C7)
YUV	230.6960, -15.6261, 18.8836
Hunter-Lab	89.0010, -0.0171, 18.8465

Details

The XYZ color **77.6500, 79.2117, 65.2296** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.0485, 73.0188, 102.6033**, and the grayscale version is **75.8313, 79.7804, 86.8809**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1794, 42.7723, 32.8208** is the 20% darker color. If you saturate the color by 10%, you get **71.7229, 71.6582, 49.9943**, and if you desaturate by 10%, it is **84.3082, 87.4508, 83.1007**.

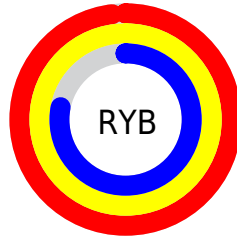
Distribution



Red (99%)

Green (89%)

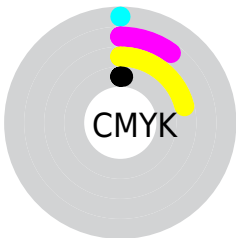
Blue (78%)



Red (98%)

Yellow (99%)

Blue (78%)

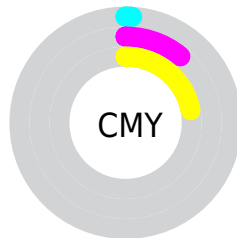


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (11%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.6500, 79.2117, 65.2296 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 77.6500, 79.2117, 65.2296 by changing the saturation by 10% instead.


 77.6500, 79.2117,
65.2296

 77.6500, 79.2117,
65.2296


475.8354,
492.2722, 461.9454

 58.0883, 59.0699,
47.1948


129.0246,
132.2569, 113.9963

 42.1232, 42.6694,
32.8342


161.5682,
165.9290, 145.5653

 29.3893, 29.6258,
21.7294


199.1698,
204.8800, 182.4827

 19.5213, 19.5547,
13.4618

242.1948,
249.4943, 225.1671

 12.1538, 12.0718,
7.6128

291.0085,
300.1563, 274.0370

 6.9214, 6.7926,
3.7640

345.9762,

 3.4589, 3.3327,

357.2503, 329.5110

1.4968

407.4634,
421.1608, 392.0076

■ 1.4008, 1.3078,
0.2155

■ 0.2568, 0.1472,
0.0000

■ 77.6500, 79.2117,
65.2296

■ 77.6500, 79.2117,
65.2296

■ 71.7229, 71.6582,
49.9943

■ 84.3082, 87.4508,
83.1007

■ 66.4916, 64.7598,
37.2627

■ 91.7183, 96.3834,
103.7213

■ 61.9273, 58.4994,
26.8986

■ 93.9550, 99.4355,
108.8488

■ 57.9959, 52.8547,
18.7505

■ 54.6603, 47.8018,
12.6494

■ 51.8780, 43.3143,
8.4011

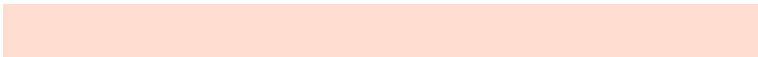
■ 49.5991, 39.3626,
5.7734

■ 47.9168, 36.2391,
4.4694

Harmonies

Analogous

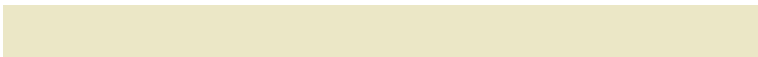
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4915, 79.2117, 70.7130



77.6500, 79.2117, 65.2296



73.3141, 79.2117, 65.0097

Triad

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



77.6500, 79.2117, 65.2296



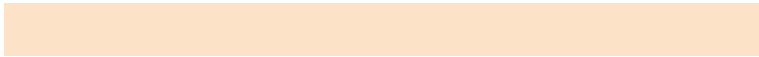
67.4525, 79.2117, 92.0789



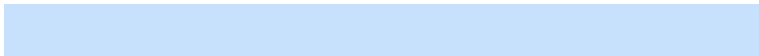
81.2251, 79.2117, 104.7291

Complementary

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



77.6500, 79.2117, 65.2296



68.0485, 73.0188, 102.6033

Split Complementary

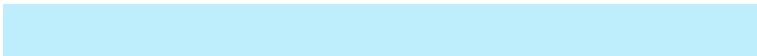
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2977, 79.2117, 111.6714



77.6500, 79.2117, 65.2296



69.4082, 79.2117, 103.9064

Square

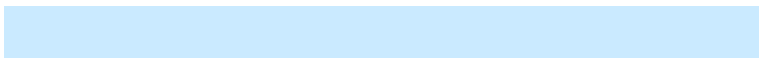
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6500, 79.2117, 65.2296



67.5386, 79.2117, 79.7257



72.9751, 79.2117, 111.3566



83.6093, 79.2117, 93.1168

Rectangle

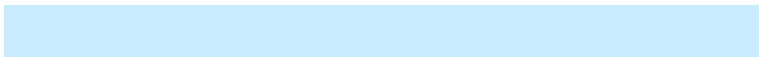
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.6500, 79.2117, 65.2296



70.7331, 79.2117, 67.8275



72.9751, 79.2117, 111.3566



80.0351, 79.2117, 107.7340

Sweetspot

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



77.6521, 79.2153, 65.2313



90.3362, 94.3587, 95.6564



74.2279, 67.0068, 80.6145



19.2295, 20.0686, 20.1794



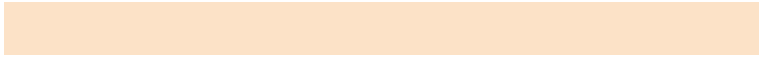
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



77.6521, 79.2153, 65.2313



77.2554, 78.2004, 60.4570



85.2646, 94.4402, 67.7687



17.9758, 18.6875, 18.1220



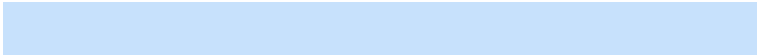
25.1084, 19.1734, 2.3775



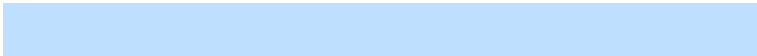
2.4316, 1.9880, 0.2556

Inverse Universe

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



68.0485, 73.0188, 102.6033



65.8577, 70.8466, 104.8114



61.5482, 60.0183, 100.4365



16.9860, 18.0488, 21.9738



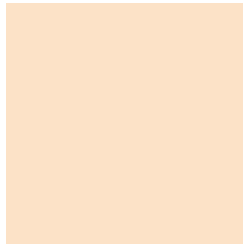
13.0278, 11.4112, 49.4895



1.3124, 1.2685, 4.6188

Previews

White Background



This preview shows how the XYZ color 77.6500, 79.2117, 65.2296 looks on a white background.

Color Contrast Check

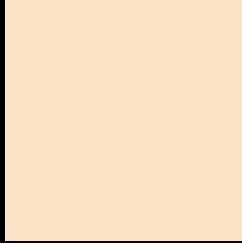
Large Text (above 18pt) WCAG AA × Fail

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 77.6500, 79.2117, 65.2296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

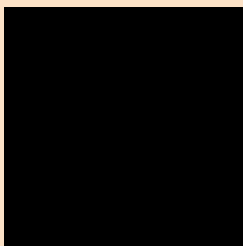
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6500, 79.2117, 65.2296

Background



This preview shows how black text looks on a background with the XYZ color 77.6500, 79.2117, 65.2296.



This preview shows how white text looks on a background with the XYZ color 77.6500, 79.2117,

65.2296.

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

77.6500, 79.2117, 65.2296

Protanopia

75.1151, 79.5114, 66.6466

Deuteranopia

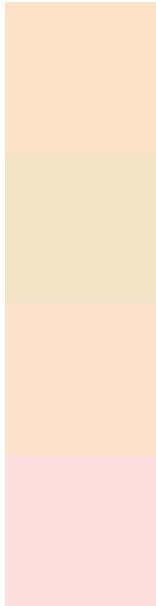
79.4043, 79.1748, 71.4188



Tritanopia

82.3825, 79.0873, 91.0441

Trichromacy



Original Color

77.6500, 79.2117, 65.2296

Protanomaly

76.1008, 79.6212, 66.0011

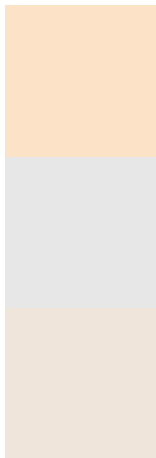
Deuteranomaly

78.8177, 79.3290, 68.9155

Tritanomaly

80.5800, 79.1739, 80.8471

Monochromacy



Original Color

77.6500, 79.2117, 65.2296

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.4021, 79.5038, 78.3368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6500, 79.2117, 65.2296 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(252, 226, 199)` looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 199)  
}
```

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(252, 226, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 199) }
```

Border

The CSS property to change the border of an element to XYZ 77.6500, 79.2117, 65.2296 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(252, 226, 199) }
```


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

```
.border{ border-color:rgb(252, 226, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 226, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 199);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6500, 79.2117, 65.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 199) }
```

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

```
.background{ background-color: rgb(252,  
226, 199) }
```

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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