

Converting Colors

XYZ(79.5797, 81.0698, 66.7164)

Have a look what the booklet for
XYZ(79.5797, 81.0698, 66.7164)
contains.

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Color

**XYZ(79.5260, 80.9639,
66.6945)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFE4C9 |
| RGB | 255, 228, 201 |
| RGB Percent | 100%, 89%, 79% |
| CMY | 0.0000, 0.1059, 0.2118 |
| CMYK | 0.00, 0.11, 0.21, 0.00 |
| HSL | 30°, 100%, 89% |
| HSV | 30°, 21%, 100% |
| XYZ | 79.5260, 80.9639, 66.6945 |
| YIQ | 232.9950, 24.7590, -2.6730 |

Conversions

Conversions Part 2

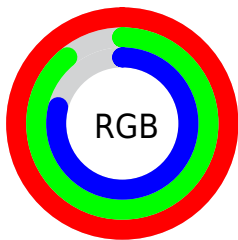
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 255, 201 |
| Decimal | 16770249 |
| CIE _{Lab} | 92.12, 5.14, 16.55 |
| CIE _{LCh} | 92, 17.332, 72.764 |
| Yxy | 80.9639, 0.3501, 0.3564 |
| Android (android.graphics.Color) | 4294960329 (0xFFFFE4C9) |
| YUV | 232.9950, -15.7735, 19.2984 |
| Hunter-Lab | 89.9799, 0.2968, 19.0393 |

Details

The XYZ color **79.5260, 80.9639, 66.6945** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.8800, 75.1221, 105.4247**, and the grayscale version is **77.5520, 81.5908, 88.8524**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4987, 43.9995, 33.8039** is the 20% darker color. If you saturate the color by 10%, you get **73.3937, 73.1078, 51.0593**, and if you desaturate by 10%, it is **86.4189, 89.5435, 85.0420**.

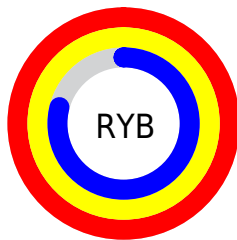
Distribution



Red (100%)

Green (89%)

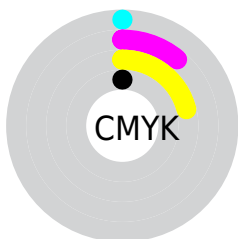
Blue (79%)



Red (100%)

Yellow (100%)

Blue (79%)

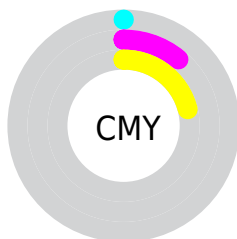


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5260, 80.9639, 66.6945 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 79.5260, 80.9639, 66.6945 by changing the saturation by 10% instead.


 79.5260, 80.9639,
66.6945

 79.5260, 80.9639,
66.6945


482.0949,
498.1753, 467.3284

 59.6355, 60.5119,
48.3764


131.6531,
134.7201, 116.1190

 43.3732, 43.8313,
33.7629


164.6205,
168.7930, 148.0625

 30.3739, 30.5379,
22.4356


202.6775,
208.1750, 185.3849

 20.2720, 20.2473,
13.9760

246.1895,
253.2506, 228.5046

 12.7023, 12.5749,
7.9654

295.5219,
304.4039, 277.8403

 7.2995, 7.1365,
3.9854

351.0400,

 3.6981, 3.5476,

362.0196, 333.8105

1.6173

413.1092,
426.4819, 396.8337

■ 1.5328, 1.4239,
0.3031

■ 0.3480, 0.2342,
0.0000

■ 79.5260, 80.9639,
66.6945

■ 79.5260, 80.9639,
66.6945

■ 73.3937, 73.1078,
51.0593

■ 86.4189, 89.5435,
85.0420

■ 67.9859, 65.9436,
38.0001

■ 94.0947, 98.8558,
106.2188

■ 63.2723, 59.4528,
27.3763

■ 95.0500, 100.0000,
108.9000

■ 59.2177, 53.6118,
19.0318

■ 55.7830, 48.3952,
12.7920

■ 52.9243, 43.7750,
8.4565

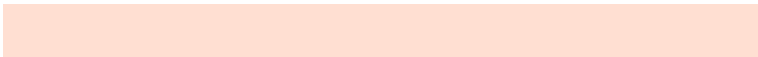
■ 50.5897, 39.7199,
5.7850

■ 48.8975, 36.5750,
4.4825

Harmonies

Analogous

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



83.4309, 80.9639, 72.4920



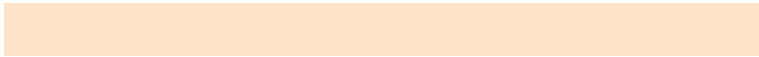
79.5260, 80.9639, 66.6945



75.0724, 80.9639, 66.2830

Triad

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



79.5260, 80.9639, 66.6945



68.8800, 80.9639, 93.7009



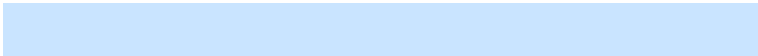
82.9319, 80.9639, 107.4688

Complementary

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



79.5260, 80.9639, 66.6945



69.8800, 75.1221, 105.4247

Split Complementary

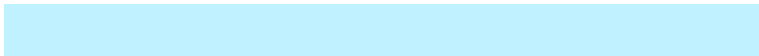
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8663, 80.9639, 114.3782



79.5260, 80.9639, 66.6945



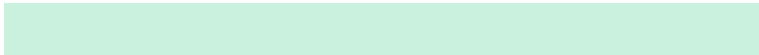
70.8209, 80.9639, 105.9278

Square

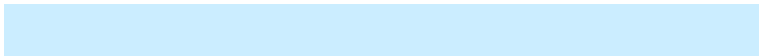
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5260, 80.9639, 66.6945



69.0412, 80.9639, 81.0687



74.4376, 80.9639, 113.7884



85.4489, 80.9639, 95.6446

Rectangle

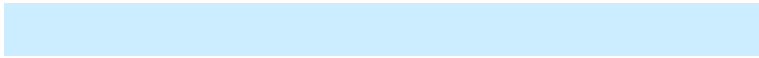
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5260, 80.9639, 66.6945



72.4001, 80.9639, 69.0530



74.4376, 80.9639, 113.7884



81.6944, 80.9639, 110.4922

Sweetspot

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



79.5280, 80.9675, 66.6962



90.2920, 94.2702, 95.6417



76.1308, 68.6356, 82.6349



19.2191, 20.0477, 20.1759



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.



79.5280, 80.9675, 66.6962



77.0943, 77.8783, 60.4033



87.5428, 96.9971, 69.3678



18.7599, 19.4880, 18.9171



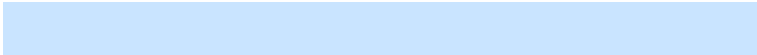
25.6993, 19.4098, 2.3920



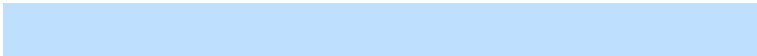
2.6115, 2.1083, 0.2693

Inverse Universe

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



69.8800, 75.1221, 105.4247



66.0181, 71.1675, 104.8649



63.0250, 61.4119, 103.1397



17.7533, 18.8781, 22.9581



13.5785, 12.0665, 51.0480



1.4313, 1.3933, 5.0068

Previews

White Background



This preview shows how the XYZ color 79.5260, 80.9639, 66.6945 looks on a white background.

Color Contrast Check

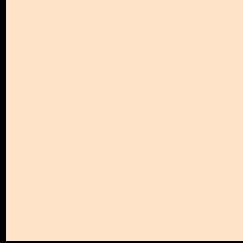
Large Text (above 18pt) WCAG AA × Fail

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 79.5260, 80.9639, 66.6945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

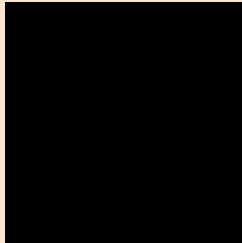
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5260, 80.9639, 66.6945

Background



This preview shows how black text looks on a background with the XYZ color 79.5260, 80.9639, 66.6945.



This preview shows how white text looks on a background with the XYZ color 79.5260, 80.9639,

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

79.5260, 80.9639, 66.6945

Protanopia

76.5983, 81.0797, 68.1127

Deuteranopia

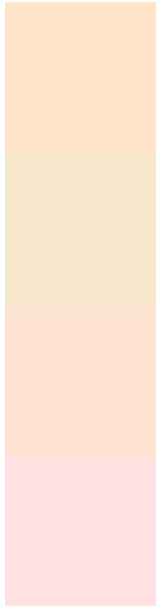
80.7193, 81.0023, 74.3314



Tritanopia

83.3283, 80.7444, 92.0823

Trichromacy



Original Color

79.5260, 80.9639, 66.6945

Protanomaly

77.5944, 81.1903, 67.4587

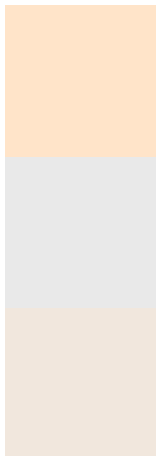
Deuteranomaly

80.2177, 80.8016, 71.6899

Tritanomaly

81.7558, 80.5467, 82.4722

Monochromacy



Original Color

79.5260, 80.9639, 66.6945

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9027, 81.0731, 79.9494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5260, 80.9639, 66.6945 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, 228, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 201)  
}
```

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, 228, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 201) }
```

Border

The CSS property to change the border of an element to XYZ 79.5260, 80.9639, 66.6945 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, 228, 201) }
```


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

```
.border{ border-color:rgb(255, 228, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5260, 80.9639, 66.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 201) }
```

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

```
.background{ background-color: rgb(255,  
228, 201) }
```

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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