

Converting Colors

XYZ(147.8608, 116.2073,
69.1027)

Have a look what the booklet for
XYZ(147.8608, 116.2073, 69.1027)
contains.

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Color

**XYZ(79.4087, 80.9169,
66.0768)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C8
RGB	255, 228, 200
RGB Percent	100%, 89%, 78%
CMY	0.0000, 0.1059, 0.2157
CMYK	0.00, 0.11, 0.22, 0.00
HSL	31°, 100%, 89%
HSV	31°, 22%, 100%
XYZ	79.4087, 80.9169, 66.0768
YIQ	232.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

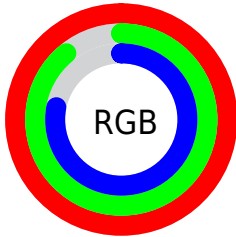
Format	Color
R _Y B	253, 255, 200
Decimal	16770248
CIE Lab	92.09, 4.99, 17.04
CIE LCh	92, 17.760, 73.668
Yxy	80.9169, 0.3507, 0.3574
Android (android.graphics.Color)	4294960328 (0xFFFFE4C8)
YUV	232.8810, -16.2103, 19.3984
Hunter-Lab	89.9538, 0.1556, 19.4154

Details

The XYZ color **79.4087, 80.9169, 66.0768** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.3378, 74.4353, 105.3207**, and the grayscale version is **77.4691, 81.5036, 88.7574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4206, 43.9682, 33.3923** is the 20% darker color. If you saturate the color by 10%, you get **73.3545, 73.1867, 50.5616**, and if you desaturate by 10%, it is **86.2131, 89.3516, 84.2962**.

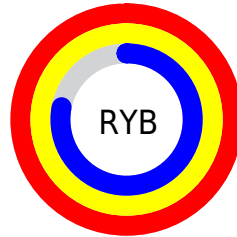
Distribution



Red (100%)

Green (89%)

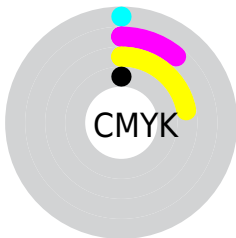
Blue (78%)



Red (99%)

Yellow (100%)

Blue (78%)

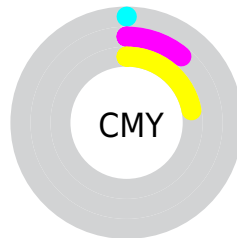


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4087, 80.9169, 66.0768 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 79.4087, 80.9169, 66.0768 by changing the saturation by 10% instead.


 79.4087, 80.9169,
66.0768

 79.4087, 80.9169,
66.0768


481.7048,
498.0175, 465.0632

 59.5387, 60.4732,
47.8779


131.4890,
134.6541, 115.2246

 43.2949, 43.8001,
33.3709


164.4299,
168.7163, 147.0106

 30.3121, 30.5134,
22.1373


202.4586,
208.0868, 184.1626

 20.2249, 20.2286,
13.7585

245.9403,
253.1500, 227.0993

 12.6678, 12.5613,
7.8161

295.2404,
304.2903, 276.2392

 7.2756, 7.1272,
3.8914

350.7243,

 3.6829, 3.5418,

361.8920, 332.0008

1.5660

412.7573,
426.3396, 394.8026

■ 1.5244, 1.4207,
0.2664

■ 0.3423, 0.2319,
0.0000

■ 79.4087, 80.9169,
66.0768

■ 79.4087, 80.9169,
66.0768

■ 73.3545, 73.1867,
50.5616

■ 86.2131, 89.3516,
84.2962

■ 68.0150, 66.1300,
37.6141

■ 93.7900, 98.4995,
105.3373

■ 63.3597, 59.7288,
27.0934

95.0500, 100.0000,
108.9000

■ 59.3538, 53.9602,
18.8428

■ 55.9586, 48.7993,
12.6869

■ 53.1300, 44.2189,
8.4244

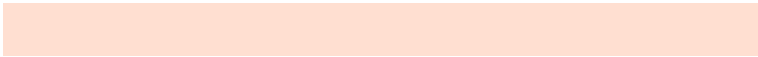
■ 50.8162, 40.1882,
5.8129

■ 49.2018, 37.1835,
4.5839

Harmonies

Analogous

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



83.4477, 80.9169, 71.8326



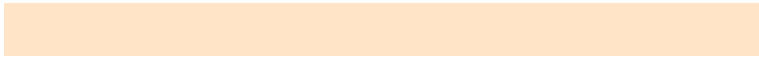
79.4087, 80.9169, 66.0768



74.8495, 80.9169, 65.8270

Triad

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



79.4087, 80.9169, 66.0768



68.6761, 80.9169, 94.1916



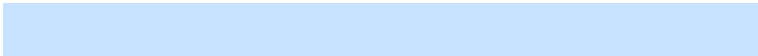
83.1429, 80.9169, 107.6086

Complementary

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



79.4087, 80.9169, 66.0768



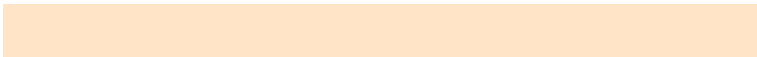
69.3378, 74.4353, 105.3207

Split Complementary

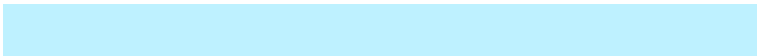
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0061, 80.9169, 114.9147



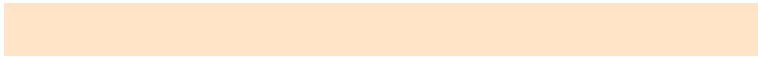
79.4087, 80.9169, 66.0768



70.7213, 80.9169, 106.6656

Square

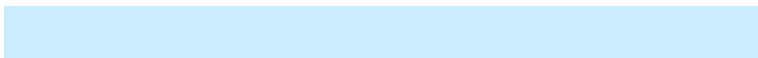
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4087, 80.9169, 66.0768



68.7742, 80.9169, 81.2103



74.4625, 80.9169, 114.5535



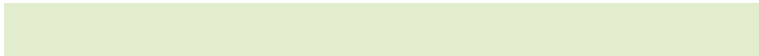
85.6614, 80.9169, 95.3787

Rectangle

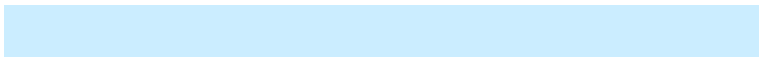
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4087, 80.9169, 66.0768



72.1358, 80.9169, 68.7610



74.4625, 80.9169, 114.5535



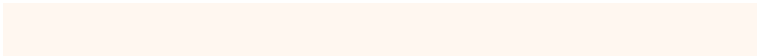
81.8885, 80.9169, 110.7735

Sweetspot

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



79.4107, 80.9204, 66.0785



90.3346, 94.3554, 95.6559



75.8291, 68.1431, 82.1923



19.2291, 20.0678, 20.1792



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.



79.4107, 80.9204, 66.0785



76.6362, 77.4079, 58.8756



87.4255, 96.9502, 68.7501



18.7740, 19.5162, 18.9218



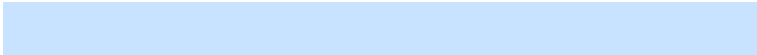
25.8589, 19.7290, 2.4452



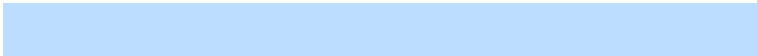
2.6271, 2.1396, 0.2745

Inverse Universe

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



69.3378, 74.4353, 105.3207



64.8820, 69.8406, 104.6687



62.5246, 60.8090, 103.0496



17.7392, 18.8499, 22.9534



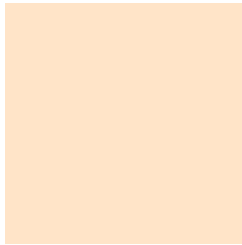
13.4225, 11.7545, 50.9960



1.4159, 1.3625, 5.0016

Previews

White Background



This preview shows how the XYZ color 79.4087, 80.9169, 66.0768 looks on a white background.

Color Contrast Check

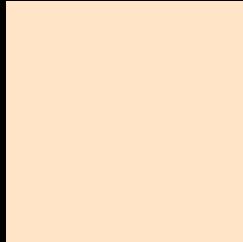
Large Text (above 18pt) WCAG AA × Fail

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 79.4087, 80.9169, 66.0768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

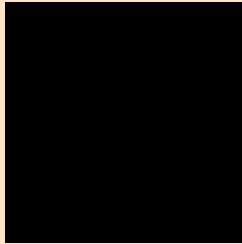
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4087, 80.9169, 66.0768

Background



This preview shows how black text looks on a background with the XYZ color 79.4087, 80.9169, 66.0768.

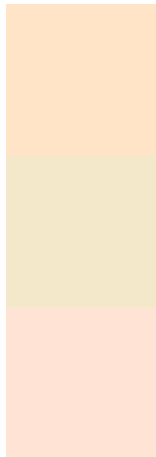


This preview shows how white text looks on a background with the XYZ color 79.4087, 80.9169,

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

79.4087, 80.9169, 66.0768

Protanopia

76.8255, 81.2106, 67.5032

Deuteranopia

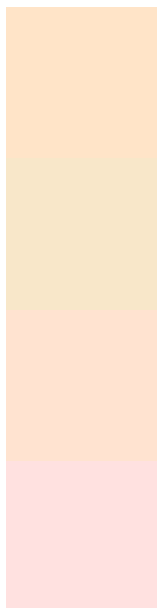
80.7193, 81.0023, 74.3314



Tritanopia

83.3283, 80.7444, 92.0823

Trichromacy



Original Color

79.4087, 80.9169, 66.0768

Protanomaly

77.8299, 81.3253, 66.8536

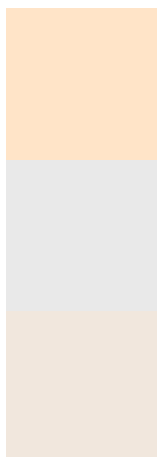
Deuteranomaly

80.0943, 80.7522, 71.0398

Tritanomaly

81.6198, 80.4922, 81.7557

Monochromacy



Original Color

79.4087, 80.9169, 66.0768

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 79.4087, 80.9169, 66.0768 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 200) }
```

Border

The CSS property to change the border of an element to XYZ 79.4087, 80.9169, 66.0768 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, 200) }
```


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

```
.border{ border-color:rgb(255, 228, 200) }
```

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, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4087, 80.9169, 66.0768 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
228, 200) }
```

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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