

Converting Colors

XYZ(114.5820, 97.9046,
67.1329)

Have a look what the booklet for
XYZ(114.5820, 97.9046, 67.1329)
contains.

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Color

**XYZ(78.4740, 79.2339,
65.1905)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1C7
RGB	255, 225, 199
RGB Percent	100%, 88%, 78%
CMY	0.0000, 0.1176, 0.2196
CMYK	0.00, 0.12, 0.22, 0.00
HSL	28°, 100%, 89%
HSV	28°, 22%, 100%
XYZ	78.4740, 79.2339, 65.1905
YIQ	231.0060, 26.2260, -1.7260

Conversions

Conversions Part 2

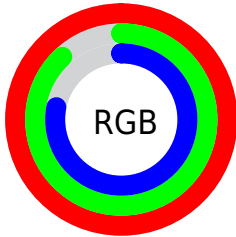
Format	Color
R _Y B	255, 248, 199
Decimal	16769479
CIE Lab	91.34, 6.39, 16.50
CIE LCh	91, 17.697, 68.827
Yxy	79.2339, 0.3521, 0.3555
Android (android.graphics.Color)	4294959559 (0xFFFFE1C7)
YUV	231.0060, -15.7790, 21.0427
Hunter-Lab	89.0134, 1.5916, 18.8874

Details

The XYZ color **78.4740, 79.2339, 65.1905** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6218, 75.3986, 105.4917**, and the grayscale version is **76.0618, 80.0229, 87.1450**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7743, 42.7996, 32.7948** is the 20% darker color. If you saturate the color by 10%, you get **72.2123, 71.0582, 49.6998**, and if you desaturate by 10%, it is **85.5311, 88.2058, 83.3958**.

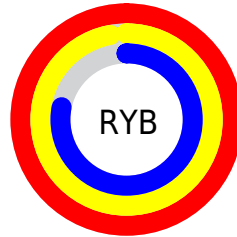
Distribution



Red (100%)

Green (88%)

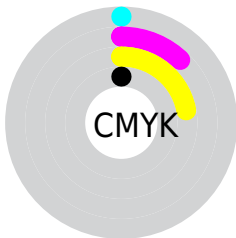
Blue (78%)



Red (100%)

Yellow (97%)

Blue (78%)

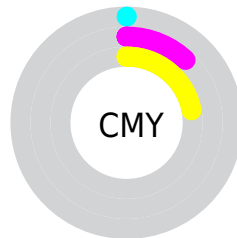


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4740, 79.2339, 65.1905 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 78.4740, 79.2339, 65.1905 by changing the saturation by 10% instead.

 78.4740, 79.2339,
65.1905

 78.4740, 79.2339,
65.1905


478.5903,
492.3473, 461.8012

 58.7676, 59.0881,
47.1632


130.1799,
132.2881, 113.9396

 42.6717, 42.6841,
32.8095


162.9101,
165.9653, 145.4985

 29.8210, 29.6373,
21.7106


200.7123,
204.9218, 182.4050

 19.8502, 19.5635,
13.4481

243.9519,
249.5420, 225.0778

 12.3938, 12.0781,
7.6035

292.9941,
300.2102, 273.9352

 7.0866, 6.7969,
3.7582

348.2043,

 3.5631, 3.3354,

357.3109, 329.3959

1.4936

409.9479,
421.2285, 391.8784

■ 1.4581, 1.3092,
0.2132

■ 0.2970, 0.1483,
0.0000

■ 78.4740, 79.2339,
65.1905

■ 78.4740, 79.2339,
65.1905

■ 72.2123, 71.0582,
49.6998

■ 85.5311, 88.2058,
83.3958

■ 66.7086, 63.6445,
36.7864

■ 93.4075, 97.9860,
104.4341

■ 61.9310, 56.9715,
26.3083

95.0500, 100.0000,
108.9000

■ 57.8425, 51.0125,
18.1075

■ 54.4022, 45.7388,
12.0072

■ 51.5641, 41.1191,
7.8040

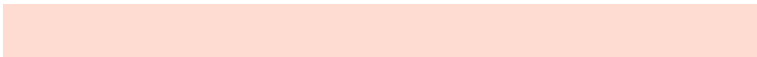
■ 49.2735, 37.1178,
5.2529

■ 47.7676, 34.3152,
4.1059

Harmonies

Analogous

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



82.2443, 79.2339, 71.6669



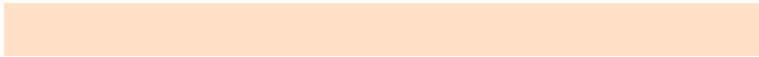
78.4740, 79.2339, 65.1905



73.9911, 79.2339, 64.0543

Triad

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



78.4740, 79.2339, 65.1905



67.0888, 79.2339, 90.1261



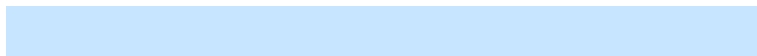
80.8585, 79.2339, 107.0249

Complementary

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



78.4740, 79.2339, 65.1905



69.6218, 75.3986, 105.4917

Split Complementary

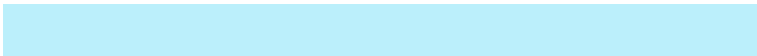
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6433, 79.2339, 113.1120



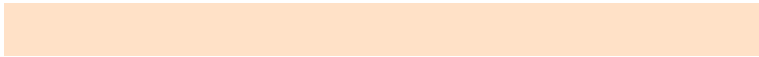
78.4740, 79.2339, 65.1905



68.7758, 79.2339, 102.7382

Square

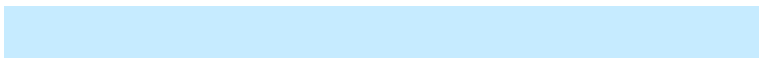
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4740, 79.2339, 65.1905



67.5351, 79.2339, 77.6384



72.2311, 79.2339, 111.4698



83.6586, 79.2339, 95.5235

Rectangle

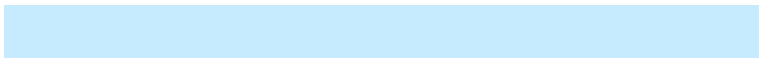
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4740, 79.2339, 65.1905



71.2191, 79.2339, 66.3557



72.2311, 79.2339, 111.4698



79.5535, 79.2339, 109.8216

Sweetspot

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



78.4759, 79.2374, 65.1921



89.3334, 92.9541, 93.4693



75.9188, 67.8097, 83.8036



19.0197, 19.7700, 19.7358



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.



78.4759, 79.2374, 65.1921



75.8519, 75.8393, 58.6142



86.4223, 95.1302, 67.8409



18.7046, 19.3774, 18.8987



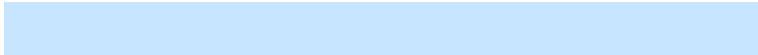
25.1056, 18.2224, 2.1941



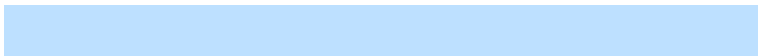
2.5524, 1.9903, 0.2496

Inverse Universe

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



69.6218, 75.3986, 105.4917



65.6745, 71.4257, 104.9329



62.6777, 61.5104, 103.1770



17.8088, 18.9892, 22.9766



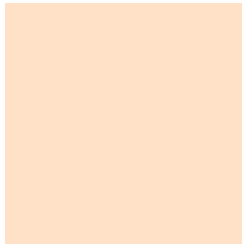
14.2260, 13.3616, 51.2638



1.4945, 1.5197, 5.0278

Previews

White Background



This preview shows how the XYZ color 78.4740, 79.2339, 65.1905 looks on a white background.

Color Contrast Check

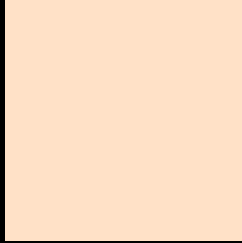
Large Text (above 18pt) WCAG AA × Fail

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 78.4740, 79.2339, 65.1905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

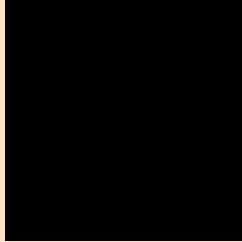
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4740, 79.2339, 65.1905

Background



This preview shows how black text looks on a background with the XYZ color 78.4740, 79.2339, 65.1905.



This preview shows how white text looks on a background with the XYZ color 78.4740, 79.2339, 65.1905.

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

78.4740, 79.2339, 65.1905

Protanopia

75.1151, 79.5114, 66.6466

Deuteranopia

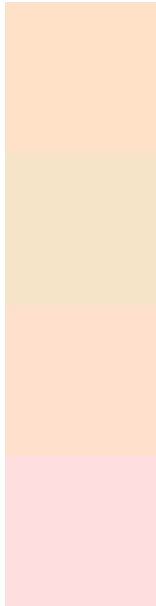
79.4043, 79.1748, 71.4188



Tritanopia

82.2368, 79.0290, 90.2767

Trichromacy



Original Color

78.4740, 79.2339, 65.1905

Protanomaly

76.1748, 79.2498, 65.9255

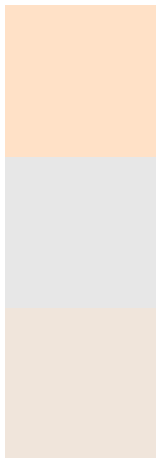
Deuteranomaly

78.9151, 78.9791, 68.8428

Tritanomaly

80.6806, 78.8303, 80.7755

Monochromacy



Original Color

78.4740, 79.2339, 65.1905

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.7407, 79.6784, 78.3526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4740, 79.2339, 65.1905 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, 225, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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(255, 225, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 199) }
```

Border

The CSS property to change the border of an element to XYZ 78.4740, 79.2339, 65.1905 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, 225, 199) }
```


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

```
.border{ border-color:rgb(255, 225, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4740, 79.2339, 65.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 199) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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