

Converting Colors

XYZ(132.4690, 108.7612,
67.6437)

Have a look what the booklet for
XYZ(132.4690, 108.7612, 67.6437)
contains.

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Color

**XYZ(79.4524, 81.3758,
64.9456)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5C6
RGB	255, 229, 198
RGB Percent	100%, 90%, 78%
CMY	0.0000, 0.1019, 0.2235
CMYK	0.00, 0.10, 0.22, 0.00
HSL	33°, 100%, 89%
HSV	33°, 22%, 100%
XYZ	79.4524, 81.3758, 64.9456
YIQ	233.2400, 25.4470, -4.1290

Conversions

Conversions Part 2

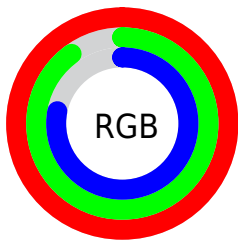
Format	Color
R _Y B	246, 255, 198
Decimal	16770502
CIE Lab	92.30, 4.20, 18.37
CIE LCh	92, 18.841, 77.116
Yxy	81.3758, 0.3519, 0.3604
Android (android.graphics.Color)	4294960582 (0xFFFFE5C6)
YUV	233.2400, -17.3733, 19.0835
Hunter-Lab	90.2085, -0.6486, 20.4602

Details

The XYZ color **79.4524, 81.3758, 64.9456** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.9937, 72.5350, 105.0247**, and the grayscale version is **77.7479, 81.7968, 89.0767**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4588, 44.2915, 32.6441** is the 20% darker color. If you saturate the color by 10%, you get **73.6448, 74.0781, 49.6999**, and if you desaturate by 10%, it is **85.9745, 89.3098, 82.8745**.

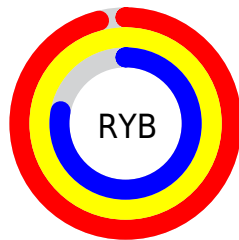
Distribution



Red (100%)

Green (90%)

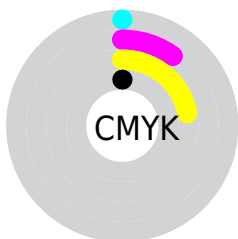
Blue (78%)



Red (96%)

Yellow (100%)

Blue (78%)

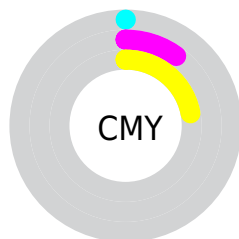


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4524, 81.3758, 64.9456 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 79.4524, 81.3758, 64.9456 by changing the saturation by 10% instead.


 79.4524, 81.3758,
64.9456

 79.4524, 81.3758,
64.9456


481.8502,
499.5574, 460.8973

 59.5748, 60.8512,
46.9659


131.5501,
135.2983, 113.5842

 43.3241, 44.1051,
32.6545


164.5009,
169.4650, 145.0801

 30.3351, 30.7531,
21.5930

202.5402,
208.9478, 181.9186

 20.2424, 20.4109,
13.3627

246.0332,
254.1311, 224.5181

 12.6807, 12.6941,
7.5451

295.3453,
305.3993, 273.2972

 7.2845, 7.2182,
3.7217

350.8420,

 3.6886, 3.5990,

363.1368, 328.6744

1.4740

412.8885,
427.7280, 391.0682

■ 1.5275, 1.4519,
0.1984

■ 0.3444, 0.2545,
0.0000

■ 79.4524, 81.3758,
64.9456

■ 79.4524, 81.3758,
64.9456

■ 73.6448, 74.0781,
49.6999

■ 85.9745, 89.3098,
82.8745

■ 68.5172, 67.3879,
37.0004

■ 93.2327, 97.8868,
103.6042

■ 64.0402, 61.2892,
26.7056

95.0500, 100.0000,
108.9000

■ 60.1797, 55.7612,
18.6580

■ 56.8979, 50.7816,
12.6807

■ 54.1516, 46.3252,
8.5704

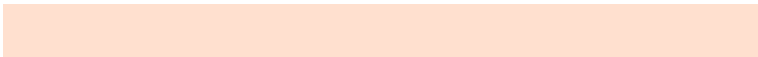
■ 51.8894, 42.3638,
6.0810

■ 50.4304, 39.6408,
4.9935

Harmonies

Analogous

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



83.8952, 81.3758, 70.3686



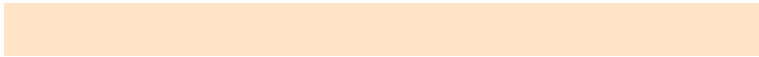
79.4524, 81.3758, 64.9456



74.6216, 81.3758, 65.3632

Triad

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



79.4524, 81.3758, 64.9456



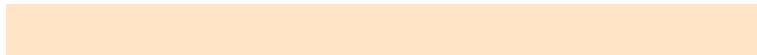
68.7355, 81.3758, 96.7349



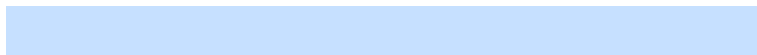
84.4125, 81.3758, 108.1391

Complementary

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



79.4524, 81.3758, 64.9456



67.9937, 72.5350, 105.0247

Split Complementary

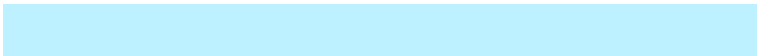
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1344, 81.3758, 116.7896



79.4524, 81.3758, 64.9456



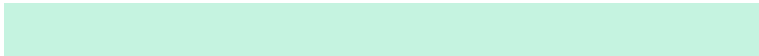
71.1454, 81.3758, 109.7463

Square

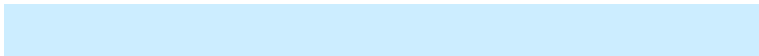
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4524, 81.3758, 64.9456



68.5702, 81.3758, 82.7573



75.2757, 81.3758, 117.4069



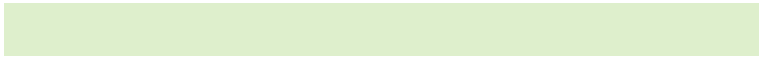
86.8387, 81.3758, 94.7207

Rectangle

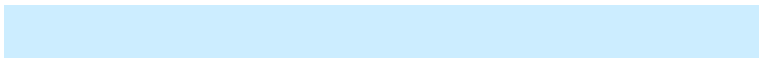
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4524, 81.3758, 64.9456



71.8305, 81.3758, 68.8912



75.2757, 81.3758, 117.4069



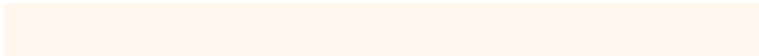
83.1353, 81.3758, 111.7595

Sweetspot

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



79.4543, 81.3793, 64.9473



89.7658, 93.8189, 93.6134



74.9707, 67.0635, 79.9423



19.1198, 19.9702, 19.7692



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.



79.4543, 81.3793, 64.9473



76.6675, 77.9087, 57.5351



86.4977, 96.4987, 67.4944



18.8282, 19.6245, 18.9399



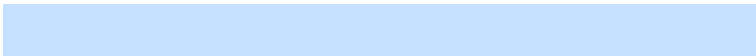
26.5022, 21.0157, 2.6596



2.6897, 2.2648, 0.2954

Inverse Universe

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



67.9937, 72.5350, 105.0247



63.2907, 67.5870, 104.3176



62.0377, 59.8749, 102.8950



17.6854, 18.7424, 22.9355



12.8575, 10.6245, 50.8077



1.3595, 1.2496, 4.9828

Previews

White Background



This preview shows how the XYZ color 79.4524, 81.3758, 64.9456 looks on a white background.

Color Contrast Check

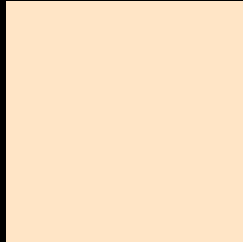
Large Text (above 18pt) WCAG AA × Fail

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 79.4524, 81.3758, 64.9456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

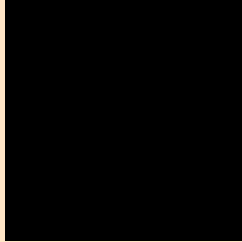
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4524, 81.3758, 64.9456

Background



This preview shows how black text looks on a background with the XYZ color 79.4524, 81.3758, 64.9456.



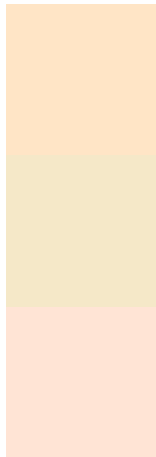
This preview shows how white text looks on a background with the XYZ color 79.4524, 81.3758,

64.9456.

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

79.4524, 81.3758, 64.9456

Protanopia

76.9381, 81.2958, 66.2802

Deuteranopia

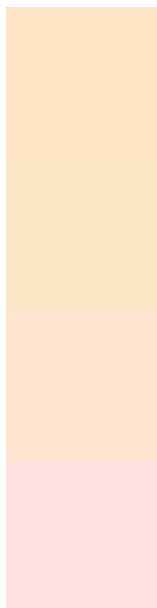
80.9936, 81.5509, 74.4229



Tritanopia

83.7452, 81.3424, 92.9482

Trichromacy



Original Color

79.4524, 81.3758, 64.9456

Protanomaly

77.9516, 81.4151, 65.6390

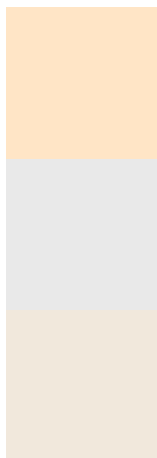
Deuteranomaly

80.3686, 81.3009, 71.1313

Tritanomaly

81.8909, 81.0345, 81.8461

Monochromacy



Original Color

79.4524, 81.3758, 64.9456

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0505, 81.5813, 79.3432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4524, 81.3758, 64.9456 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, 229, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 198)  
}
```

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, 229, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 198) }
```

Border

The CSS property to change the border of an element to XYZ 79.4524, 81.3758, 64.9456 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, 229, 198) }
```


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

```
.border{ border-color:rgb(255, 229, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 198); box-shadow:4px 4px 4px 4px rgb(255, 229, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4524, 81.3758, 64.9456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 198) }
```

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

```
.background{ background-color: rgb(255,  
229, 198) }
```

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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