

Converting Colors

XYZ(75.9970, 79.6038, 45.5598)

Have a look what the booklet for
XYZ(75.9970, 79.6038, 45.5598)
contains.

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Color

**XYZ(75.5050, 79.3554,
45.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4A2
RGB	255, 228, 162
RGB Percent	100%, 89%, 64%
CMY	0.0000, 0.1059, 0.3647
CMYK	0.00, 0.11, 0.36, 0.00
HSL	43°, 100%, 82%
HSV	43°, 36%, 100%
XYZ	75.5050, 79.3554, 45.5200
YIQ	228.5490, 37.2780, -14.8020

Conversions

Conversions Part 2

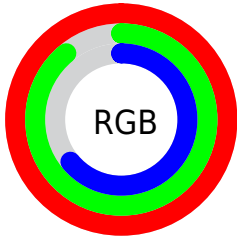
Format	Color
R_{YB}	200, 255, 162
Decimal	16770210
CIE Lab	91.39, 0.16, 35.62
CIE LCh	91, 35.617, 89.737
Yxy	79.3554, 0.3768, 0.3960
Android (android.graphics.Color)	4294960290 (0xFFFFE4A2)
YUV	228.5490, -32.8087, 23.1975
Hunter-Lab	89.0816, -4.5975, 32.0604

Details

The XYZ color **75.5050, 79.3554, 45.5200** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.1474, 51.2950, 101.8129**, and the grayscale version is **74.3606, 78.2331, 85.1959**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **40.7840, 42.8832, 20.8796** is the 20% darker color. If you saturate the color by 10%, you get **71.4719, 74.5563, 34.1040**, and if you desaturate by 10%, it is **80.0888, 84.5200, 59.3889**.

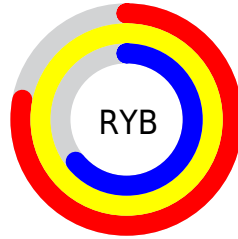
Distribution



Red (100%)

Green (89%)

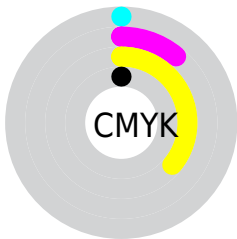
Blue (64%)



Red (78%)

Yellow (100%)

Blue (64%)

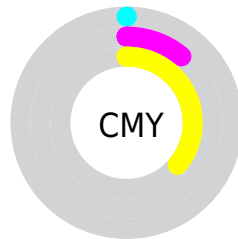


Cyan (0%)

Magenta (11%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5050, 79.3554, 45.5200 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 75.5050, 79.3554, 45.5200 by changing the saturation by 10% instead.


 75.5050, 79.3554,
45.5200


 75.5050, 79.3554,
45.5200


468.6220,
492.7578, 385.0969

 56.3223, 59.1881,
31.5213


 126.0110,
132.4591, 84.8269

 40.6994, 42.7645,
20.7343


 158.0651,
166.1642, 110.9721

 28.2709, 29.7004,
12.7406


195.1404,
205.1507, 142.0033

 18.6715, 19.6113,
7.1215

237.6022,
249.8030, 178.3389

 11.5357, 12.1128,
3.4586

285.8159,
300.5055, 220.3976

 6.4983, 6.8206,
1.3333

340.1469,

 3.1939, 3.3501,

357.6425, 268.5977

0.0889

400.9605,
421.5985, 323.3580

■ 1.2571, 1.3171,
0.0000

■ 0.1508, 0.1544,
0.0000

■ 75.5050, 79.3554,
45.5200

■ 75.5050, 79.3554,
45.5200

■ 71.4719, 74.5563,
34.1040

■ 80.0888, 84.5200,
59.3889

■ 67.9547, 70.0985,
24.9883

■ 85.2442, 90.0515,
75.8411

■ 64.9233, 65.9710,
18.0112

■ 90.9978, 95.9652,
95.0034

■ 62.3413, 62.1575,
12.9871

95.0500, 100.0000,
108.9000

■ 60.1664, 58.6392,
9.6990

■ 58.3461, 55.3933,
7.8753

■ 57.7605, 54.3010,
7.4368

Harmonies

Analogous

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



84.5438, 79.3554, 50.0975



75.5050, 79.3554, 45.5200



67.1147, 79.3554, 49.9383

Triad

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



75.5050, 79.3554, 45.5200



61.2951, 79.3554, 113.5709



91.4837, 79.3554, 114.0480

Complementary

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



75.5050, 79.3554, 45.5200



51.1474, 51.2950, 101.8129

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.



84.3943, 79.3554, 137.3334



75.5050, 79.3554, 45.5200



66.9865, 79.3554, 137.0214

Square

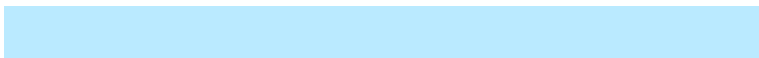
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5050, 79.3554, 45.5200



59.3203, 79.3554, 86.1755



75.3449, 79.3554, 146.4706



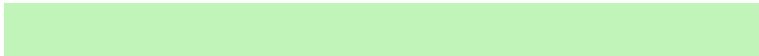
94.2086, 79.3554, 86.6340

Rectangle

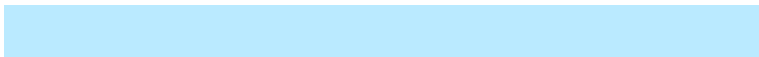
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5050, 79.3554, 45.5200



62.9044, 79.3554, 58.0195



75.3449, 79.3554, 146.4706



89.5054, 79.3554, 122.8020

Sweetspot

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



75.5069, 79.3590, 45.5216



88.3156, 93.2381, 85.9789



63.4442, 50.8148, 55.1232



18.7366, 19.7854, 17.8487



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

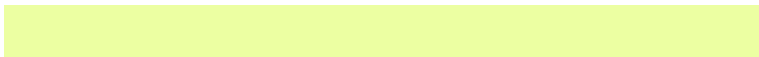
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5069, 79.3590, 45.5216



72.4192, 75.7098, 36.7038



77.0070, 92.0302, 47.8884



19.0897, 20.1476, 19.0271



30.3160, 28.6433, 3.9309



3.0459, 2.9772, 0.4141

Inverse Universe

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



51.1474, 51.2950, 101.8129



44.7446, 43.8449, 100.7124



49.9335, 42.8371, 100.2444



17.4325, 18.2366, 22.8512



10.8222, 6.5539, 50.1292



1.1429, 0.8165, 4.9106

Previews

White Background



This preview shows how the XYZ color 75.5050, 79.3554, 45.5200 looks on a white background.

Color Contrast Check

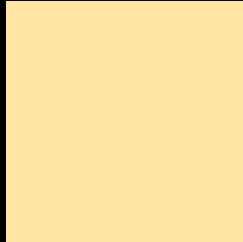
Large Text (above 18pt) WCAG AA × Fail

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 75.5050, 79.3554, 45.5200 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 75.5050, 79.3554, 45.5200

Background



This preview shows how black text looks on a background with the XYZ color 75.5050, 79.3554, 45.5200.



This preview shows how white text looks on a background with the XYZ color 75.5050, 79.3554,

45.5200.

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

75.5050, 79.3554, 45.5200

Protanopia

73.6191, 79.1944, 46.0562

Deuteranopia

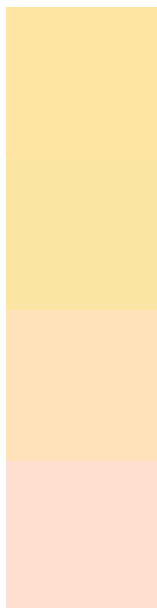
78.3583, 79.1876, 64.5809



Tritanopia

82.2126, 79.4431, 88.8429

Trichromacy



Original Color

75.5050, 79.3554, 45.5200

Protanomaly

74.4138, 79.1922, 46.0139

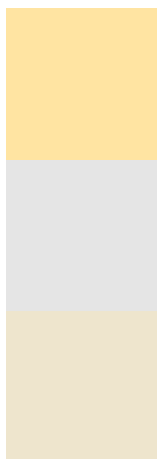
Deuteranomaly

77.1933, 79.1555, 57.1090

Tritanomaly

79.2808, 79.1254, 70.7687

Monochromacy



Original Color

75.5050, 79.3554, 45.5200

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.2987, 78.6235, 69.0175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5050, 79.3554, 45.5200 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, 162)` looks like.

```
.text, #text, p{  
  color:rgb(255, 228, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 162) }
```

Border

The CSS property to change the border of an element to XYZ 75.5050, 79.3554, 45.5200 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, 162) }
```


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

```
.border{ border-color:rgb(255, 228, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5050, 79.3554, 45.5200 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
228, 162) }
```

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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