

Converting Colors

XYZ(75.2802, 79.0970, 44.8562)

Have a look what the booklet for
XYZ(75.2802, 79.0970, 44.8562)
contains.

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Color

**XYZ(75.4164, 79.3200,
45.0536)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4A1
RGB	255, 228, 161
RGB Percent	100%, 89%, 63%
CMY	0.0000, 0.1059, 0.3686
CMYK	0.00, 0.11, 0.37, 0.00
HSL	43°, 100%, 82%
HSV	43°, 37%, 100%
XYZ	75.4164, 79.3200, 45.0536
YIQ	228.4350, 37.5990, -15.1130

Conversions

Conversions Part 2

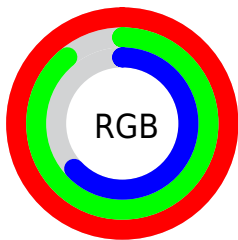
Format	Color
RYB	199, 255, 161
Decimal	16770209
CIELab	91.38, 0.05, 36.10
CIELCh	91, 36.102, 89.918
Yxy	79.3200, 0.3775, 0.3970
Android (android.graphics.Color)	4294960289 (0xFFFFE4A1)
YUV	228.4350, -33.2455, 23.2975
Hunter-Lab	89.0618, -4.7065, 32.3503

Details

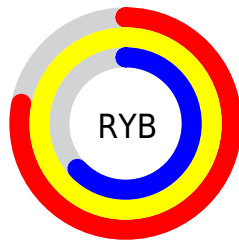
The XYZ color **75.4164, 79.3200, 45.0536** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.7306, 50.7618, 101.7319**, and the grayscale version is **74.2798, 78.1482, 85.1033**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **40.7298, 42.8616, 20.5944** is the 20% darker color. If you saturate the color by 10%, you get **71.4216, 74.5694, 33.7365**, and if you desaturate by 10%, it is **79.9591, 84.4320, 58.8175**.

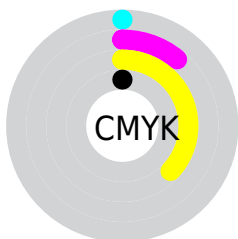
Distribution



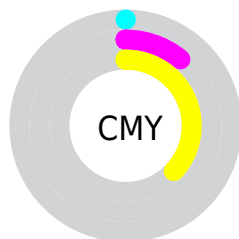
- Red (100%)
- Green (89%)
- Blue (63%)



- Red (78%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4164, 79.3200, 45.0536 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 75.4164, 79.3200, 45.0536 by changing the saturation by 10% instead.


 75.4164, 79.3200,
45.0536


 75.4164, 79.3200,
45.0536


468.3227,
492.6382, 383.1571

 56.2495, 59.1589,
31.1564


 125.8864,
132.4093, 84.1201

 40.6408, 42.7411,
20.4585


 157.9201,
166.1063, 110.1266

 28.2249, 29.6820,
12.5414


194.9735,
205.0840, 141.0064

 18.6366, 19.5974,
6.9865

237.4119,
249.7270, 177.1784

 11.5104, 12.1027,
3.3754

285.6007,
300.4194, 219.0608

 6.4811, 6.8137,
1.2893

339.9052,

 3.1832, 3.3458,

357.5459, 267.0724

0.0530

400.6907,
421.4907, 321.6316

■ 1.2514, 1.3148,
0.0000

■ 0.1463, 0.1527,
0.0000

■ 75.4164, 79.3200,
45.0536

■ 75.4164, 79.3200,
45.0536

■ 71.4216, 74.5694,
33.7365

■ 79.9591, 84.4320,
58.8175

■ 67.9397, 70.1560,
24.7131

■ 85.0705, 89.9068,
75.1588

■ 64.9404, 66.0689,
17.8208

■ 90.7774, 95.7595,
94.2049

■ 62.3874, 62.2916,
12.8733

95.0500, 100.0000,
108.9000

■ 60.2380, 58.8055,
9.6517

■ 58.4387, 55.5873,
7.8792

■ 57.9211, 54.6223,
7.4904

Harmonies

Analogous

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



84.5841, 79.3200, 49.6088



75.4164, 79.3200, 45.0536



66.9301, 79.3200, 49.5591

Triad

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



75.4164, 79.3200, 45.0536



61.1111, 79.3200, 114.0962



91.7103, 79.3200, 114.2463

Complementary

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



75.4164, 79.3200, 45.0536



50.7306, 50.7618, 101.7319

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.



84.5371, 79.3200, 137.9756



75.4164, 79.3200, 45.0536



66.8899, 79.3200, 137.8773

Square

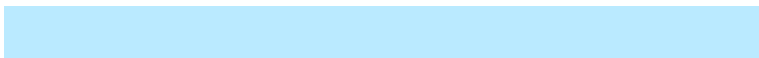
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4164, 79.3200, 45.0536



59.0899, 79.3200, 86.2941



75.3662, 79.3200, 147.3829



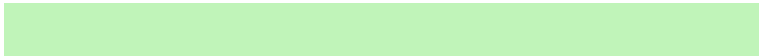
94.4447, 79.3200, 86.4379

Rectangle

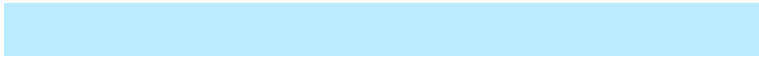
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4164, 79.3200, 45.0536



62.6827, 79.3200, 57.7481



75.3662, 79.3200, 147.3829



89.7110, 79.3200, 123.1530

Sweetspot

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



75.4184, 79.3237, 45.0552



88.3421, 93.2911, 85.9877



63.1924, 50.4334, 54.6629



18.7429, 19.7981, 17.8508



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.



75.4184, 79.3237, 45.0552



72.5116, 75.8947, 36.7346



76.8518, 91.9604, 47.4188



19.0946, 20.1574, 19.0287



30.3993, 28.8098, 3.9586



3.0535, 2.9924, 0.4166

Inverse Universe

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



50.7306, 50.7618, 101.7319



44.6771, 43.7098, 100.6898



49.5715, 42.3900, 100.1771



17.4278, 18.2273, 22.8496



10.7940, 6.4975, 50.1198



1.1396, 0.8100, 4.9095

Previews

White Background



This preview shows how the XYZ color 75.4164, 79.3200, 45.0536 looks on a white background.

Color Contrast Check

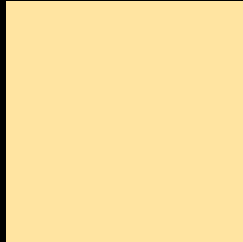
Large Text (above 18pt) WCAG AA × Fail

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 75.4164, 79.3200, 45.0536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

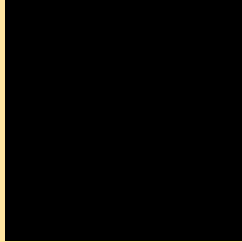
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4164, 79.3200, 45.0536

Background



This preview shows how black text looks on a background with the XYZ color 75.4164, 79.3200, 45.0536.



This preview shows how white text looks on a background with the XYZ color 75.4164, 79.3200,

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

75.4164, 79.3200, 45.0536

Protanopia

73.8853, 79.3420, 45.6028

Deuteranopia

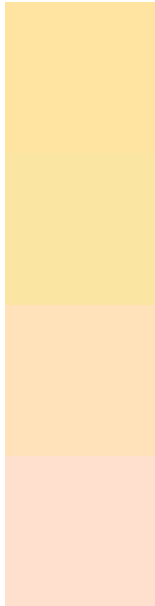
78.3583, 79.1876, 64.5809



Tritanopia

82.2126, 79.4431, 88.8429

Trichromacy



Original Color

75.4164, 79.3200, 45.0536

Protanomaly

74.3246, 79.1565, 45.5438

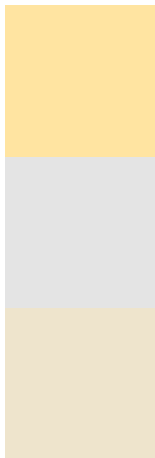
Deuteranomaly

77.1933, 79.1555, 57.1090

Tritanomaly

79.1581, 79.0763, 70.1227

Monochromacy



Original Color

75.4164, 79.3200, 45.0536

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9024, 78.0236, 68.2917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4164, 79.3200, 45.0536 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 161) }
```

Border

The CSS property to change the border of an element to XYZ 75.4164, 79.3200, 45.0536 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, 161) }
```


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

```
.border{ border-color:rgb(255, 228, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 228, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 228, 161); box-shadow:4px 4px 4px 4px rgb(255, 228, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4164, 79.3200, 45.0536 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
228, 161) }
```

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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