

Converting Colors

XYZ(84.3798, 84.5134, 45.8639)

Have a look what the booklet for
XYZ(84.3798, 84.5134, 45.8639)
contains.

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Color

**XYZ(75.7809, 79.9073,
45.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5A2
RGB	255, 229, 162
RGB Percent	100%, 90%, 64%
CMY	0.0000, 0.1019, 0.3647
CMYK	0.00, 0.10, 0.36, 0.00
HSL	43°, 100%, 82%
HSV	43°, 36%, 100%
XYZ	75.7809, 79.9073, 45.6120
YIQ	229.1360, 37.0030, -15.3250

Conversions

Conversions Part 2

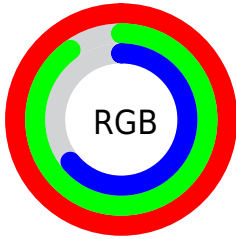
Format	Color
R_{YB}	198, 255, 162
Decimal	16770466
CIE _{Lab}	91.64, -0.34, 35.94
CIE _{LCh}	92, 35.946, 90.548
Yxy	79.9073, 0.3765, 0.3970
Android (android.graphics.Color)	4294960546 (0xFFFFE5A2)
YUV	229.1360, -33.0980, 22.6827
Hunter-Lab	89.3909, -5.1111, 32.3207

Details

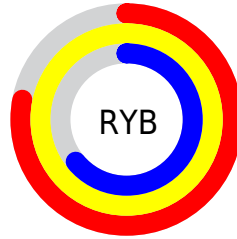
The XYZ color **75.7809, 79.9073, 45.6120** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9330, 50.8662, 101.7414**, and the grayscale version is **74.7950, 78.6901, 85.6935**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **40.9765, 43.2682, 20.9438** is the 20% darker color. If you saturate the color by 10%, you get **71.8089, 75.2303, 34.2163**, and if you desaturate by 10%, it is **80.2975, 84.9375, 59.4586**.

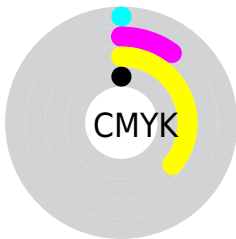
Distribution



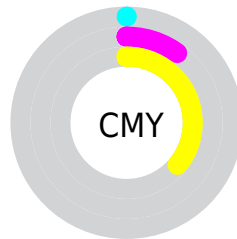
- Red (100%)
- Green (90%)
- Blue (64%)



- Red (78%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7809, 79.9073, 45.6120 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 75.7809, 79.9073, 45.6120 by changing the saturation by 10% instead.


 75.7809, 79.9073,
45.6120


 75.7809, 79.9073,
45.6120

469.5533,
494.6204, 385.4787

 56.5493, 59.6421,
31.5933


 126.3992,
133.2354, 84.9662

 40.8822, 43.1302,
20.7888


 158.5165,
167.0670, 111.1387

 28.4143, 29.9873,
12.7800


195.6598,
206.1896, 142.1997

 18.7803, 19.8289,
7.1483

238.1945,
250.9876, 178.5675

 11.6147, 12.2708,
3.4751

286.4858,
301.8452, 220.6608

 6.5522, 6.9284,
1.3421

340.8991,

 3.2275, 3.4173,

359.1469, 268.8981

0.0959

401.7998,
423.2772, 323.6979

■ 1.2752, 1.3533,
0.0000

■ 0.1645, 0.1819,
0.0000

■ 75.7809, 79.9073,
45.6120

■ 75.7809, 79.9073,
45.6120

■ 71.8089, 75.2303,
34.2163

■ 80.2975, 84.9375,
59.4586

■ 68.3466, 70.8823,
25.1190

■ 85.3794, 90.3219,
75.8862

■ 65.3641, 66.8527,
18.1581

■ 91.0530, 96.0757,
95.0218

■ 62.8252, 63.1255,
13.1485

95.0500, 100.0000,
108.9000

■ 60.6878, 59.6820,
9.8728

■ 58.8993, 56.4997,
8.0597

■ 58.3236, 55.4273,
7.6246

Harmonies

Analogous

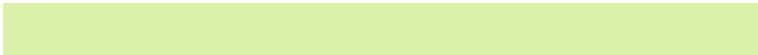
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9639, 79.9073, 49.9914



75.7809, 79.9073, 45.6120



67.3264, 79.9073, 50.3261

Triad

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



75.7809, 79.9073, 45.6120



61.7391, 79.9073, 115.3123



92.3806, 79.9073, 114.3054

Complementary

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



75.7809, 79.9073, 45.6120



50.9330, 50.8662, 101.7414

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.



85.2792, 79.9073, 138.2091



75.7809, 79.9073, 45.6120



67.5964, 79.9073, 138.8680

Square

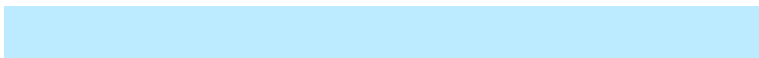
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7809, 79.9073, 45.6120



59.6303, 79.9073, 87.4896



76.1183, 79.9073, 147.9801



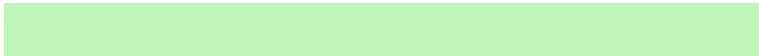
95.0035, 79.9073, 86.5232

Rectangle

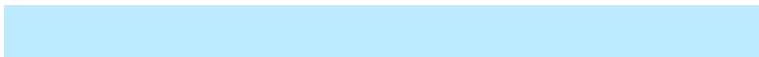
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7809, 79.9073, 45.6120



63.1185, 79.9073, 58.6728



76.1183, 79.9073, 147.9801



90.4112, 79.9073, 123.2453

Sweetspot

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



75.7829, 79.9110, 45.6136



88.4079, 93.4227, 86.0096



63.2758, 50.7475, 54.2362



18.7587, 19.8296, 17.8561



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.



75.7829, 79.9110, 45.6136



72.7417, 76.3549, 36.8113



76.4934, 91.7654, 47.8643



19.1069, 20.1819, 19.0328



30.6078, 29.2269, 4.0281



3.0725, 3.0303, 0.4230

Inverse Universe

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



50.9330, 50.8662, 101.7414



44.5102, 43.3759, 100.6342



50.2980, 43.0250, 100.2614



17.4163, 18.2042, 22.8458



10.7255, 6.3605, 50.0970



1.1317, 0.7941, 4.9069

Previews

White Background



This preview shows how the XYZ color 75.7809, 79.9073, 45.6120 looks on a white background.

Color Contrast Check

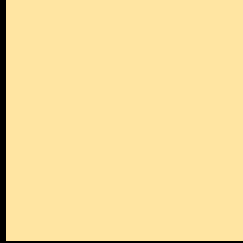
Large Text (above 18pt) WCAG AA × Fail

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 75.7809, 79.9073, 45.6120 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 75.7809, 79.9073, 45.6120

Background



This preview shows how black text looks on a background with the XYZ color 75.7809, 79.9073, 45.6120.



This preview shows how white text looks on a background with the XYZ color 75.7809, 79.9073,

45.6120.

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

75.7809, 79.9073, 45.6120

Protanopia

74.2537, 79.9359, 46.1659

Deuteranopia

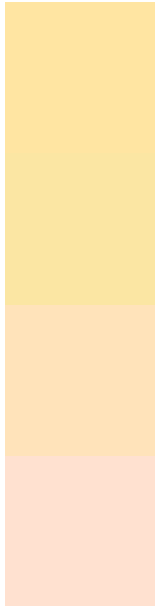
78.8617, 79.8228, 65.8945



Tritanopia

82.6231, 80.0335, 89.6906

Trichromacy



Original Color

75.7809, 79.9073, 45.6120

Protanomaly

74.6913, 79.7472, 46.1064

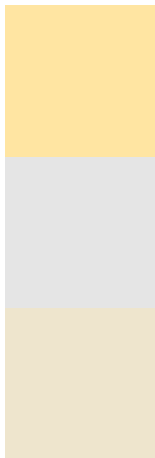
Deuteranomaly

77.5720, 79.7433, 57.7579

Tritanomaly

79.5504, 79.6645, 70.8585

Monochromacy



Original Color

75.7809, 79.9073, 45.6120

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 75.7809, 79.9073, 45.6120 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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, 229, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 162) }
```

Border

The CSS property to change the border of an element to XYZ 75.7809, 79.9073, 45.6120 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, 162) }
```


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

```
.border{ border-color:rgb(255, 229, 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, 229, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7809, 79.9073, 45.6120 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, 162) }
```

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

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