

Converting Colors

XYZ(75.8962, 80.3274, 45.0660)

Have a look what the booklet for
XYZ(75.8962, 80.3274, 45.0660)
contains.

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Color

**XYZ(75.9698, 80.4268,
45.2381)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6A1
RGB	255, 230, 161
RGB Percent	100%, 90%, 63%
CMY	0.0000, 0.0980, 0.3686
CMYK	0.00, 0.10, 0.37, 0.00
HSL	44°, 100%, 82%
HSV	44°, 37%, 100%
XYZ	75.9698, 80.4268, 45.2381
YIQ	229.6090, 37.0490, -16.1590

Conversions

Conversions Part 2

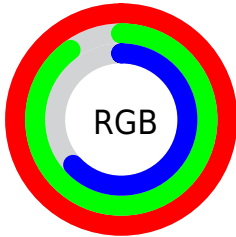
Format	Color
R_{YB}	195, 255, 161
Decimal	16770721
CIE _{Lab}	91.88, -0.96, 36.76
CIE _{LCh}	92, 36.768, 91.499
Yxy	80.4268, 0.3768, 0.3989
Android (android.graphics.Color)	4294960801 (0xFFFFE6A1)
YUV	229.6090, -33.8242, 22.2679
Hunter-Lab	89.6810, -5.7323, 32.8688

Details

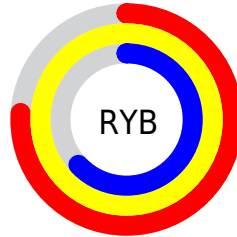
The XYZ color **75.9698, 80.4268, 45.2381** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.3064, 49.9133, 101.5905**, and the grayscale version is **75.1493, 79.0629, 86.0995**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **41.1162, 43.6344, 20.7232** is the 20% darker color. If you saturate the color by 10%, you get **72.0968, 75.9197, 33.9616**, and if you desaturate by 10%, it is **80.3789, 85.2715, 58.9574**.

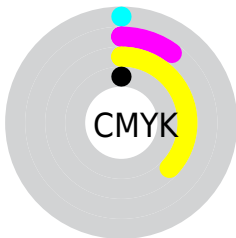
Distribution



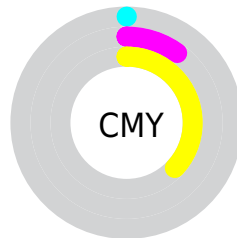
- Red (100%)
- Green (90%)
- Blue (63%)



- Red (76%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9698, 80.4268, 45.2381 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 75.9698, 80.4268, 45.2381 by changing the saturation by 10% instead.

 75.9698, 80.4268,
45.2381


 75.9698, 80.4268,
45.2381


470.1903,
496.3700, 383.9252

 56.7047, 60.0696,
31.3007


 126.6648,
133.9656, 84.3998

 41.0074, 43.4748,
20.5675


 158.8254,
167.9161, 110.4612

 28.5126, 30.2578,
12.6201


196.0153,
207.1664, 141.4010

 18.8548, 20.0343,
7.0398

238.5997,
252.1010, 177.6378

 11.6688, 12.4200,
3.4082

286.9441,
303.1043, 219.5901

 6.5892, 7.0304,
1.3067

341.4137,

 3.2506, 3.4811,

360.5606, 267.6764

0.0672

402.3740,
424.8544, 322.3152

■ 1.2876, 1.3878,
0.0000

■ 0.1739, 0.2077,
0.0000

■ 75.9698, 80.4268,
45.2381

■ 75.9698, 80.4268,
45.2381

■ 72.0968, 75.9197,
33.9616

■ 80.3789, 85.2715,
58.9574

■ 68.7248, 71.7263,
24.9749

■ 85.3445, 90.4547,
75.2502

■ 65.8241, 67.8362,
18.1154

■ 90.8932, 95.9911,
94.2436

■ 63.3583, 64.2335,
13.1969

95.0500, 100.0000,
108.9000

■ 61.2852, 60.8998,
10.0008

■ 59.5513, 57.8125,
8.2500

■ 59.0521, 56.8842,
7.8674

Harmonies

Analogous

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



85.4269, 80.4268, 49.4003



75.9698, 80.4268, 45.2381



67.3545, 80.4268, 50.3338

Triad

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



75.9698, 80.4268, 45.2381



62.0003, 80.4268, 117.6055



93.5128, 80.4268, 114.7640

Complementary

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



75.9698, 80.4268, 45.2381



50.3064, 49.9133, 101.5905

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.



86.3149, 80.4268, 139.7364



75.9698, 80.4268, 45.2381



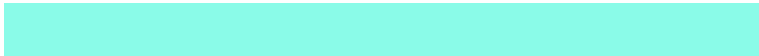
68.1126, 80.4268, 141.6001

Square

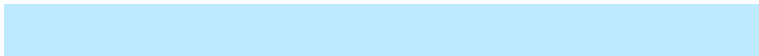
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9698, 80.4268, 45.2381



59.7106, 80.4268, 88.9369



76.9187, 80.4268, 150.4236



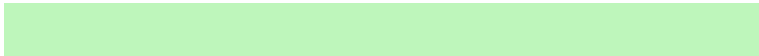
96.0419, 80.4268, 86.2194

Rectangle

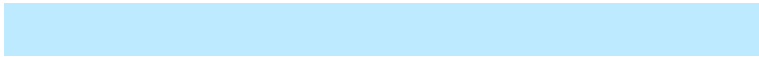
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9698, 80.4268, 45.2381



63.1117, 80.4268, 59.0560



76.9187, 80.4268, 150.4236



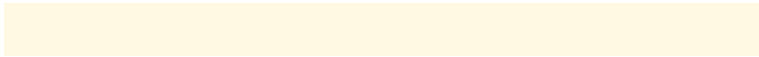
91.5313, 80.4268, 124.0437

Sweetspot

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



75.9718, 80.4305, 45.2398



88.5249, 93.6566, 86.0486



62.8554, 50.2986, 52.8882



18.7866, 19.8855, 17.8654



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.



75.9718, 80.4305, 45.2398



73.1531, 77.1777, 36.9484



75.8194, 91.4282, 47.3706



19.1286, 20.2254, 19.0400



30.9851, 29.9814, 4.1539



3.1066, 3.0986, 0.4344

Inverse Universe

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



50.3064, 49.9133, 101.5905



44.2165, 42.7885, 100.5363



50.3082, 42.7698, 100.2116



17.3958, 18.1632, 22.8389



10.6089, 6.1274, 50.0581



1.1180, 0.7667, 4.9023

Previews

White Background



This preview shows how the XYZ color 75.9698, 80.4268, 45.2381 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 75.9698, 80.4268, 45.2381 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 75.9698, 80.4268, 45.2381

Background



This preview shows how black text looks on a background with the XYZ color 75.9698, 80.4268, 45.2381.



This preview shows how white text looks on a background with the XYZ color 75.9698, 80.4268,

45.2381.

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

75.9698, 80.4268, 45.2381

Protanopia

74.8025, 80.6459, 45.8061

Deuteranopia

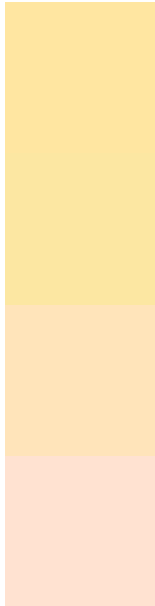
79.2517, 80.4152, 66.6030



Tritanopia

83.0360, 80.6274, 90.5431

Trichromacy



Original Color

75.9698, 80.4268, 45.2381

Protanomaly

75.2424, 80.4559, 45.7463

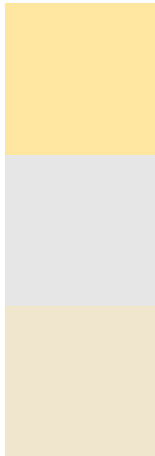
Deuteranomaly

77.8463, 80.2920, 57.8493

Tritanomaly

79.9450, 80.2562, 71.5990

Monochromacy



Original Color

75.9698, 80.4268, 45.2381

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9129, 79.3521, 69.1258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9698, 80.4268, 45.2381 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, 230, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 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, 230, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 161) }
```

Border

The CSS property to change the border of an element to XYZ 75.9698, 80.4268, 45.2381 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, 230, 161) }
```


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

```
.border{ border-color:rgb(255, 230, 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, 230, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9698, 80.4268, 45.2381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 161) }
```

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

```
.background{ background-color: rgb(255,  
230, 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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