

Converting Colors

XYZ(113.1539, 73.7579,
37.5730)

Have a look what the booklet for
XYZ(113.1539, 73.7579, 37.5730)
contains.

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Color

**XYZ(57.7323, 45.3071,
34.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9697
RGB	255, 150, 151
RGB Percent	100%, 59%, 59%
CMY	0.0000, 0.4117, 0.4078
CMYK	0.00, 0.41, 0.41, 0.00
HSL	359°, 100%, 79%
HSV	359°, 41%, 100%
XYZ	57.7323, 45.3071, 34.9805
YIQ	181.5090, 62.2590, 22.5710

Conversions

Conversions Part 2

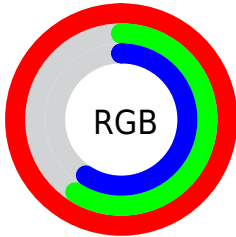
Format	Color
R_{YB}	255, 150, 151
Decimal	16750231
CIE _{Lab}	73.09, 39.42, 16.63
CIE _{LCh}	73, 42.785, 22.875
Yxy	45.3071, 0.4183, 0.3283
Android (android.graphics.Color)	4294940311 (0xFFFF9697)
YUV	181.5090, -15.0409, 64.4516
Hunter-Lab	67.3105, 35.3061, 16.3051

Details

The XYZ color **57.7323, 45.3071, 34.9805** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.2293, 85.1608, 106.7179**, and the grayscale version is **44.2532, 46.5578, 50.7014**.

A 20% lighter version of the original color is **74.0908, 69.3304, 67.2347**, and **29.0806, 21.0716, 14.5911** is the 20% darker color. If you saturate the color by 10%, you get **52.2607, 37.3025, 24.0974**, and if you desaturate by 10%, it is **64.5311, 55.2626, 48.4748**.

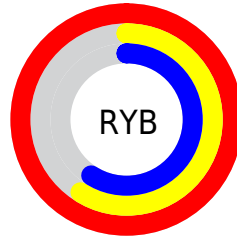
Distribution



Red (100%)

Green (59%)

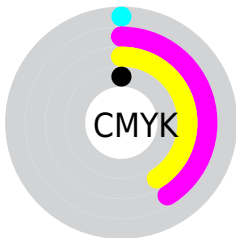
Blue (59%)



Red (100%)

Yellow (59%)

Blue (59%)

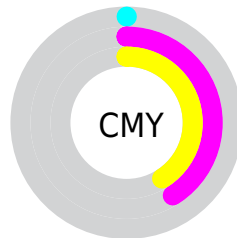


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7323, 45.3071, 34.9805 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 57.7323, 45.3071, 34.9805 by changing the saturation by 10% instead.


 57.7323, 45.3071,
34.9805


 57.7323, 45.3071,
34.9805


406.1576,
368.0159, 339.3839

 41.8359, 31.6994,
23.3644

 100.6581, 83.1811,
68.6068

 29.1634, 21.1320,
14.6550


 128.4183,
108.2161, 91.4541

 19.3493, 13.2205,
8.4337

160.8637,
137.8290, 118.8822

 12.0285, 7.5806,
4.2820

198.3598,
172.4042, 151.3096

 6.8354, 3.8278,
1.7813

241.2719,
212.3261, 189.1550

 3.4048, 1.5777,
0.4156

289.9653,

 1.3713, 0.3425,

257.9791, 232.8368

0.0000

344.8054,
309.7476, 282.7736

■ 0.2356, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7323, 45.3071,
34.9805

■ 57.7323, 45.3071,
34.9805

■ 52.2607, 37.3025,
24.0974

■ 64.5311, 55.2626,
48.4748

■ 48.0263, 31.1145,
15.6542

■ 72.7320, 67.2781,
64.7311

■ 44.9337, 26.6031,
9.4638

■ 82.4088, 81.4627,
83.8922

■ 42.8722, 23.6045,
5.3104

■ 93.6289, 97.9158,
106.0898

■ 41.7090, 21.9223, 95.0500, 100.0000,
2.9364 108.9000

■ 41.2532, 21.2653,
1.9997

Harmonies

Analogous

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



58.9823, 45.3071, 54.6235



57.7323, 45.3071, 34.9805



52.3475, 45.3071, 23.2238

Triad

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



57.7323, 45.3071, 34.9805



32.5762, 45.3071, 28.4003



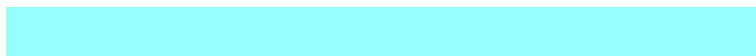
41.3023, 45.3071, 102.5811

Complementary

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



57.7323, 45.3071, 34.9805



66.2293, 85.1608, 106.7179

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.



34.9469, 45.3071, 90.0376



57.7323, 45.3071, 34.9805



30.3016, 45.3071, 44.3933

Square

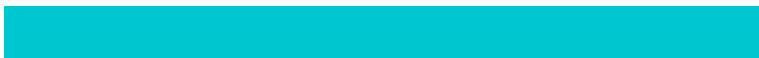
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.7323, 45.3071, 34.9805



37.7069, 45.3071, 20.2650



31.1164, 45.3071, 67.1527



48.9038, 45.3071, 97.8917

Rectangle

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



57.7323, 45.3071, 34.9805



47.4419, 45.3071, 19.4935



31.1164, 45.3071, 67.1527



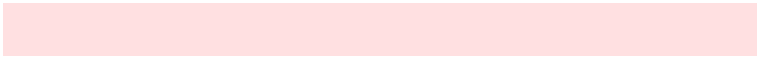
38.9623, 45.3071, 100.1418

Sweetspot

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



57.7335, 45.3094, 34.9814



81.5516, 80.2059, 82.1955



69.5566, 49.9646, 100.5858



17.1699, 16.7488, 17.0281



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.



57.7335, 45.3094, 34.9814



53.3418, 38.8836, 26.2495



67.5748, 65.1208, 37.8652



18.0164, 17.9899, 18.7035



21.5587, 11.1128, 1.0607



2.1014, 1.0829, 0.1156

Inverse Universe

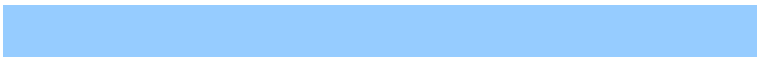
The Inverse Universe completely reimagines the original color for something new.



57.7335, 45.3094, 34.9814



53.3418, 38.8836, 26.2495



52.2821, 57.0110, 102.8563



18.0164, 17.9899, 18.7035



21.5587, 11.1128, 1.0607



2.1014, 1.0829, 0.1156

Previews

White Background



This preview shows how the XYZ color 57.7323, 45.3071, 34.9805 looks on a white background.

Color Contrast Check

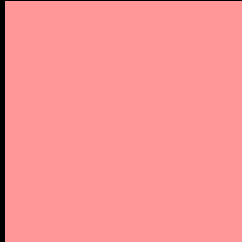
Large Text (above 18pt) WCAG AA × Fail

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 57.7323, 45.3071, 34.9805 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 57.7323, 45.3071, 34.9805

Background



This preview shows how black text looks on a background with the XYZ color 57.7323, 45.3071, 34.9805.



This preview shows how white text looks on a background with the XYZ color 57.7323, 45.3071,

34.9805.

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

57.7323, 45.3071, 34.9805

Protanopia

43.2527, 45.4325, 42.5661

Deuteranopia

46.5045, 45.5490, 33.9446



Tritanopia

58.3326, 45.2930, 38.9257

Trichromacy



Original Color

57.7323, 45.3071, 34.9805

Protanomaly

47.2996, 44.4274, 39.8006

Deuteranomaly

50.1645, 45.2171, 34.1008

Tritanomaly

58.0732, 45.1892, 37.5599

Monochromacy



Original Color

57.7323, 45.3071, 34.9805

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

48.0199, 45.2450, 44.7303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7323, 45.3071, 34.9805 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, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 151)  
}
```

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, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 151) }
```

Border

The CSS property to change the border of an element to XYZ 57.7323, 45.3071, 34.9805 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, 150, 151) }
```


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

```
.border{ border-color:rgb(255, 150, 151) }
```

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

Here you see how a box with a 4 pixel rgb(255, 150, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7323, 45.3071, 34.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 151) }
```

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

```
.background{ background-color: rgb(255,  
150, 151) }
```

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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