

Converting Colors

XYZ(45.5557, 41.0754, 57.7288)

Have a look what the booklet for
XYZ(45.5557, 41.0754, 57.7288)
contains.

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Color

**XYZ(45.5606, 40.9975,
57.7365)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A0C4
RGB	197, 160, 196
RGB Percent	77%, 63%, 77%
CMY	0.2274, 0.3725, 0.2314
CMYK	0.00, 0.19, 0.01, 0.23
HSL	302°, 24%, 70%
HSV	302°, 19%, 77%
XYZ	45.5606, 40.9975, 57.7365
YIQ	175.1670, 10.4960, 19.0400

Conversions

Conversions Part 2

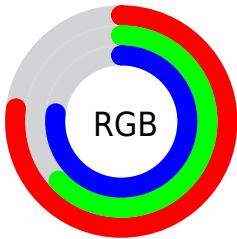
Format	Color
RYB	197, 160, 196
Decimal	12951748
CIELab	70.17, 19.87, -13.30
CIELCh	70, 23.912, 326.195
Yxy	40.9975, 0.3157, 0.2841
Android (android.graphics.Color)	4291141828 (0xFFC5A0C4)
YUV	175.1670, 10.2707, 19.1475
Hunter-Lab	64.0293, 14.9620, -8.6425

Details

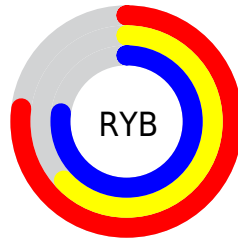
The XYZ color **45.5606, 40.9975, 57.7365** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.8982, 49.9806, 41.2122**, and the grayscale version is **40.7798, 42.9035, 46.7219**.

A 20% lighter version of the original color is **82.9031, 76.7636, 103.3759**, and **21.5727, 18.5178, 28.0285** is the 20% darker color. If you saturate the color by 10%, you get **42.3523, 34.6771, 56.3689**, and if you desaturate by 10%, it is **49.3127, 48.4038, 59.2874**.

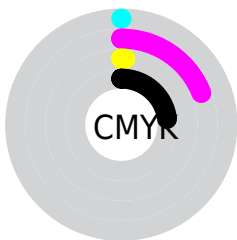
Distribution



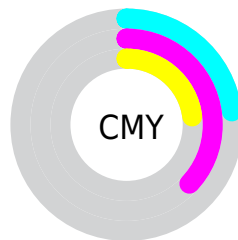
- Red (77%)
- Green (63%)
- Blue (77%)



- Red (77%)
- Yellow (63%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (23%)





- Cyan (23%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5606, 40.9975, 57.7365 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 45.5606, 40.9975, 57.7365 by changing the saturation by 10% instead.

 45.5606, 40.9975,
57.7365


 45.5606, 40.9975,
57.7365


359.7849,
350.3102, 433.7742

 32.1024, 28.3171,
41.1835


 82.7929, 76.6801,
103.0500

 21.5956, 18.5649,
28.1418


 107.2977,
100.4511, 132.6477

 13.6750, 11.3563,
18.1926


136.2154,
128.6878, 167.4307

 7.9752, 6.3070,
10.9175

169.9114,
161.7746, 207.8175

 4.1307, 3.0326,
5.8979

208.7509,
200.0958, 254.2267

 1.7764, 1.1488,
2.7153

253.0995,

 0.5034, 0.0193,

244.0359, 307.0769

0.9511

303.3224,
293.9792, 366.7865

■ 0.0000, 0.0000,
0.0000

■ 45.5606, 40.9975,
57.7365

■ 45.5606, 40.9975,
57.7365

■ 42.3523, 34.6771,
56.3689

■ 49.3127, 48.4038,
59.2874

■ 39.6587, 29.3865,
55.1734

■ 53.6287, 56.9382,
61.0268

■ 37.4536, 25.0724,
54.1419

■ 58.5321, 66.6471,
62.9632

■ 35.7069, 21.6749,
53.2642

■ 64.0441, 77.5728,
65.1034

■ 34.3854, 19.1274,
52.5292

■ 69.0562, 87.4985,
67.0781

■ 33.4512, 17.3541,
51.9245

■ 69.1180, 87.5232,
67.4037

■ 32.8598, 16.2661,
51.4350

■ 69.1801, 87.5480,
67.7305

■ 32.5379, 15.7169,
51.0365

■ 69.2424, 87.5729,
68.0585

■ 32.5047, 15.6618,
50.9899

■ 69.3049, 87.5979,
68.3876

Harmonies

Analogous

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



42.3841, 40.9975, 66.9058



45.5606, 40.9975, 57.7365



46.9685, 40.9975, 46.0851

Triad

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



45.5606, 40.9975, 57.7365



39.4685, 40.9975, 26.4027



32.5967, 40.9975, 54.8450

Complementary

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



45.5606, 40.9975, 57.7365



40.8982, 49.9806, 41.2122

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.



31.9299, 40.9975, 43.2241



45.5606, 40.9975, 57.7365



35.7385, 40.9975, 27.9584

Square

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



45.5606, 40.9975, 57.7365



43.3057, 40.9975, 29.0187



33.0422, 40.9975, 33.6896



34.9280, 40.9975, 65.0498

Rectangle

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



45.5606, 40.9975, 57.7365



46.6499, 40.9975, 38.8941



33.0422, 40.9975, 33.6896



32.1775, 40.9975, 50.9242

Sweetspot

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



45.5618, 40.9993, 57.7374



90.2953, 90.5971, 106.9868



37.2715, 36.7123, 57.9459



19.2211, 19.1823, 22.8567



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.



45.5618, 40.9993, 57.7374



78.8546, 68.0162, 102.2470



43.6224, 40.2235, 47.5245



11.0702, 10.8115, 13.3532



21.3848, 10.3035, 33.5656



1.0166, 0.4895, 1.6104

Inverse Universe

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



45.5618, 40.9993, 57.7374



78.8546, 68.0162, 102.2470



42.6135, 50.6667, 50.2450



11.0702, 10.8115, 13.3532



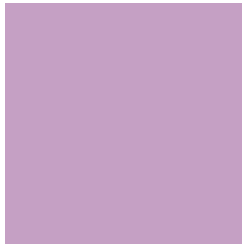
21.3848, 10.3035, 33.5656



1.0166, 0.4895, 1.6104

Previews

White Background



This preview shows how the XYZ color 45.5606, 40.9975, 57.7365 looks on a white background.

Color Contrast Check

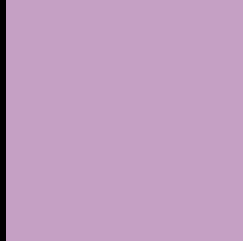
Large Text (above 18pt) WCAG AA × Fail

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 45.5606, 40.9975, 57.7365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

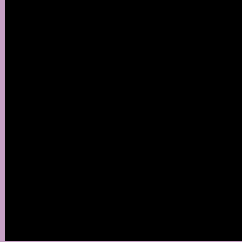
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5606, 40.9975, 57.7365

Background



This preview shows how black text looks on a background with the XYZ color 45.5606, 40.9975, 57.7365.



This preview shows how white text looks on a background with the XYZ color 45.5606, 40.9975,

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

45.5606, 40.9975, 57.7365

Protanopia

40.6713, 41.0606, 62.2818

Deuteranopia

42.0291, 41.0425, 57.3366



Tritanopia

43.1818, 40.7983, 46.6732

Trichromacy



Original Color

45.5606, 40.9975, 57.7365

Protanomaly

42.1930, 40.7897, 60.2930

Deuteranomaly

43.1334, 40.8053, 57.2326

Tritanomaly

43.9733, 40.8617, 50.3692

Monochromacy



Original Color

45.5606, 40.9975, 57.7365

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.4504, 42.2356, 50.7147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5606, 40.9975, 57.7365 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(197, 160, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 196)  
}
```

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(197, 160, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 196) }
```

Border

The CSS property to change the border of an element to XYZ 45.5606, 40.9975, 57.7365 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(197, 160, 196) }
```


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

```
.border{ border-color:rgb(197, 160, 196) }
```

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

Here you see how a box with a 4 pixel rgb(197, 160, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 160, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 160, 196);  
box-shadow:4px 4px 4px 4px rgb(197, 160,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5606, 40.9975, 57.7365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 160, 196) }
```

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

```
.background{ background-color: rgb(197,  
160, 196) }
```

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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