

Converting Colors

XYZ(40.0346, 41.6392, 46.0621)

Have a look what the booklet for
XYZ(40.0346, 41.6392, 46.0621)
contains.

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Color

**XYZ(40.0717, 41.6750,
45.9765)**

Conversions

Conversions Part 1

Format	Color
Hex	AFACAE
RGB	175, 172, 174
RGB Percent	69%, 67%, 68%
CMY	0.3137, 0.3255, 0.3176
CMYK	0.00, 0.02, 0.01, 0.31
HSL	320°, 2%, 68%
HSV	320°, 2%, 69%
XYZ	40.0717, 41.6750, 45.9765
YIQ	173.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

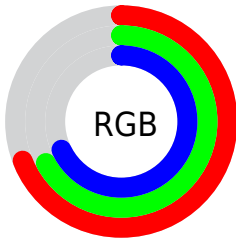
Format	Color
RYB	175, 172, 174
Decimal	11513006
CIELab	70.65, 1.44, -0.66
CIELCh	71, 1.585, 335.583
Yxy	41.6750, 0.3137, 0.3263
Android (android.graphics.Color)	4289703086 (0xFFAFACAE)
YUV	173.1250, 0.4314, 1.6444
Hunter-Lab	64.5562, -2.1737, 2.9634

Details

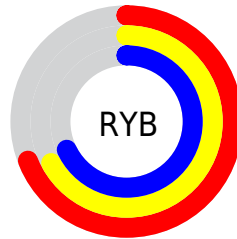
The XYZ color **40.0717, 41.6750, 45.9765** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8876, 42.4488, 45.6284**, and the grayscale version is **39.7827, 41.8545, 45.5795**.

A 20% lighter version of the original color is **74.2451, 77.4183, 85.1588**, and **18.3977, 19.0490, 21.1195** is the 20% darker color. If you saturate the color by 10%, you get **36.4015, 35.2253, 42.0059**, and if you desaturate by 10%, it is **44.2076, 49.0154, 50.2254**.

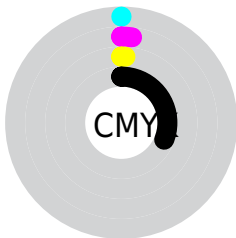
Distribution



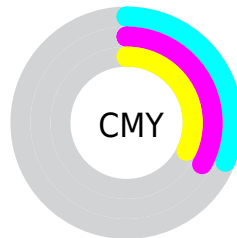
- Red (69%)
- Green (67%)
- Blue (68%)



- Red (69%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (31%)



- Cyan (31%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0717, 41.6750, 45.9765 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 40.0717, 41.6750, 45.9765 by changing the saturation by 10% instead.

■ 40.0717, 41.6750,
45.9765

■ 40.0717, 41.6750,
45.9765

337.5549,
353.1339, 386.9890

■ 27.7789, 28.8469,
31.8787

■ 74.5563, 77.7075,
85.5177

■ 18.2987, 18.9650,
21.0048

97.4789, 101.6807,
111.7983

■ 11.2656, 11.6450,
12.9363

124.6754,
130.1377, 142.9769

■ 6.3144, 6.5024,
7.2545

156.5112,
163.4630, 179.4720

■ 3.0796, 3.1529,
3.5409

193.3518,
202.0408, 221.7023

■ 1.1960, 1.2121,
1.3770

235.5623,

■ 0.1032, 0.0715,

246.2556, 270.0862

0.1237

283.5082,
296.4919, 325.0422

■ 0.0000, 0.0000,
0.0000

■ 40.0717, 41.6750,
45.9765

■ 40.0717, 41.6750,
45.9765

■ 36.4015, 35.2253,
42.0059

■ 44.2076, 49.0154,
50.2254

■ 33.1761, 29.6267,
38.3037

■ 48.8221, 57.2734,
54.7570

■ 30.3784, 24.8448,
34.8629

■ 53.9319, 66.4814,
59.5787

■ 27.9885, 20.8405,
31.6756

■ 59.5518, 76.6687,
64.6970

■ 25.9851, 17.5716,
28.7328

■ 64.2421, 84.9551,
69.6333

■ 24.3448, 14.9920,
26.0252

■ 64.9521, 85.2392,
73.3722

■ 23.0417, 13.0502,
23.5424

■ 65.6886, 85.5338,
77.2507

■ 22.0459, 11.6872,
21.2728

■ 66.4519, 85.8391,
81.2702

■ 21.3225, 10.8335,
19.2028

■ 67.2423, 86.1552,
85.4322

Harmonies

Analogous

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



39.9049, 41.6750, 46.5615



40.0717, 41.6750, 45.9765



40.1147, 41.6750, 45.2367

Triad

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



40.0717, 41.6750, 45.9765



39.5618, 41.6750, 43.9550



39.2022, 41.6750, 46.2224

Complementary

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



40.0717, 41.6750, 45.9765



39.8876, 42.4488, 45.6284

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.



39.1112, 41.6750, 45.5176



40.0717, 41.6750, 45.9765



39.3182, 41.6750, 44.2128

Square

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



40.0717, 41.6750, 45.9765



39.8196, 41.6750, 44.0749



39.1535, 41.6750, 44.7827



39.4028, 41.6750, 46.7045

Rectangle

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



40.0717, 41.6750, 45.9765



40.0673, 41.6750, 44.7563



39.1535, 41.6750, 44.7827



39.1578, 41.6750, 46.0034

Sweetspot

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



40.0729, 41.6768, 45.9774



72.2557, 75.5022, 82.8554



39.7256, 41.4865, 46.4719



16.0682, 16.7963, 18.4245



84.5950, 89.0005, 96.9216



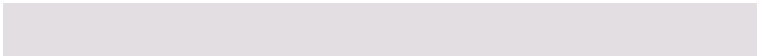
16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.0729, 41.6768, 45.9774



71.5435, 74.2440, 82.1059



39.9277, 41.6187, 45.2127



8.8330, 9.1773, 10.1356



14.9733, 7.4519, 12.7707



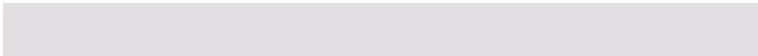
0.4405, 0.2169, 0.4816

Inverse Universe

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



40.0729, 41.6768, 45.9774



71.5435, 74.2440, 82.1059



40.0334, 42.5071, 46.3960



8.8330, 9.1773, 10.1356



14.9733, 7.4519, 12.7707



0.4405, 0.2169, 0.4816

Previews

White Background



This preview shows how the XYZ color 40.0717, 41.6750, 45.9765 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 40.0717, 41.6750, 45.9765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

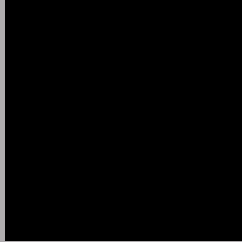
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

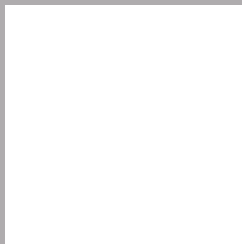
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0717, 41.6750, 45.9765

Background



This preview shows how black text looks on a background with the XYZ color 40.0717, 41.6750, 45.9765.



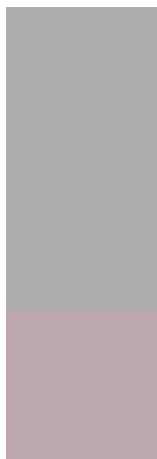
This preview shows how white text looks on a background with the XYZ color 40.0717, 41.6750,

45.9765.

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

40.0717, 41.6750, 45.9765

Protanopia

40.0717, 41.6750, 45.9765

Deuteranopia

42.2956, 41.4239, 46.3238



Tritanopia

41.1579, 41.5573, 51.1995

Trichromacy



Original Color

40.0717, 41.6750, 45.9765

Protanomaly

40.0717, 41.6750, 45.9765

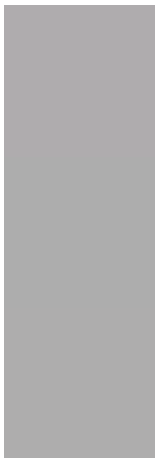
Deuteranomaly

41.4543, 41.5384, 46.3903

Tritanomaly

40.7056, 41.6512, 49.0741

Monochromacy



Original Color

40.0717, 41.6750, 45.9765

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.9420, 41.9029, 45.5181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0717, 41.6750, 45.9765 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(175, 172, 174)` looks like.

```
.text, #text, p{  
    color:rgb(175, 172, 174)  
}
```

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(175, 172, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 172, 174) }
```

Border

The CSS property to change the border of an element to XYZ 40.0717, 41.6750, 45.9765 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(175, 172, 174) }
```


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

```
.border{ border-color:rgb(175, 172, 174) }
```

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

Here you see how a box with a 4 pixel rgb(175, 172, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 172, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 172, 174);  
box-shadow:4px 4px 4px 4px rgb(175, 172,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0717, 41.6750, 45.9765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 172, 174) }
```

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

```
.background{ background-color: rgb(175,  
172, 174) }
```

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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