

Converting Colors

XYZ(46.0151, 46.9627, 40.6359)

Have a look what the booklet for
XYZ(46.0151, 46.9627, 40.6359)
contains.

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Color

**XYZ(45.9304, 46.8546,
40.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B3A2
RGB	198, 179, 162
RGB Percent	78%, 70%, 64%
CMY	0.2235, 0.2980, 0.3647
CMYK	0.00, 0.10, 0.18, 0.22
HSL	28°, 24%, 71%
HSV	28°, 18%, 78%
XYZ	45.9304, 46.8546, 40.8055
YIQ	182.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

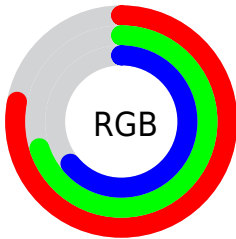
Format	Color
R _Y B	198, 194, 162
Decimal	13022114
CIE Lab	74.10, 4.02, 11.14
CIE LCh	74, 11.846, 70.175
Yxy	46.8546, 0.3438, 0.3507
Android (android.graphics.Color)	4291212194 (0xFFC6B3A2)
YUV	182.7430, -10.2263, 13.3804
Hunter-Lab	68.4504, -0.0143, 12.5706

Details

The XYZ color **45.9304, 46.8546, 40.8055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.6170, 44.8054, 59.8813**, and the grayscale version is **44.9178, 47.2570, 51.4629**.

A 20% lighter version of the original color is **83.4727, 85.6864, 77.7853**, and **21.7769, 21.9768, 17.8460** is the 20% darker color. If you saturate the color by 10%, you get **42.2922, 42.1763, 31.5823**, and if you desaturate by 10%, it is **50.0070, 51.9654, 51.5432**.

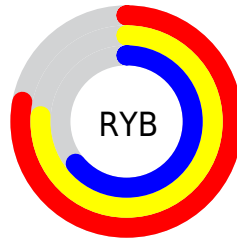
Distribution



Red (78%)

Green (70%)

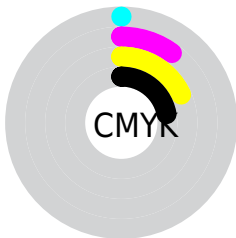
Blue (64%)



Red (78%)

Yellow (76%)

Blue (64%)

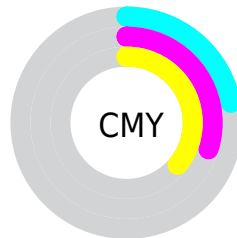


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (30%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9304, 46.8546, 40.8055 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 45.9304, 46.8546, 40.8055 by changing the saturation by 10% instead.


 45.9304, 46.8546,
40.8055


 45.9304, 46.8546,
40.8055


361.2494,
374.2339, 365.1596

 32.3953, 32.9207,
27.8486


 83.3433, 85.4965,
77.6390

 21.8206, 22.0657,
17.9735


 107.9519,
110.9734, 102.3527

 13.8410, 13.9052,
10.7617


136.9822,
141.0667, 131.8223

 8.0911, 8.0548,
5.7947

170.7998,
176.1609, 166.4666

 4.2056, 4.1300,
2.6539

209.7700,
216.6403, 206.7038

 1.8191, 1.7466,
0.9201

254.2581,

 0.5291, 0.4535,

262.8893, 252.9528

0.0000

304.6294,
315.2924, 305.6318

■ 0.0000, 0.0000,
0.0000

■ 45.9304, 46.8546,
40.8055

■ 45.9304, 46.8546,
40.8055

■ 42.2922, 42.1763,
31.5823

■ 50.0070, 51.9654,
51.5432

■ 39.0721, 37.9119,
23.8014

■ 54.5337, 57.5139,
63.8572

■ 36.2539, 34.0508,
17.3890

■ 59.5264, 63.5133,
77.8094

■ 33.8185, 30.5793,
12.2634

■ 64.9990, 69.9743,
93.4577

■ 31.7452, 27.4829,
8.3344

■ 69.9833, 76.5146,
105.6880

■ 30.0106, 24.7458,
5.4996

■ 72.9995, 82.5472,
106.6935

■ 28.5882, 22.3505,
3.6392

■ 76.1934, 88.9348,
107.7581

■ 27.4389, 20.2743,
2.5706

■ 77.0989, 90.7458,
108.0599

■ 27.2491, 19.9264,
2.4100

Harmonies

Analogous

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



47.7210, 46.8546, 43.8512



45.9304, 46.8546, 40.8055



43.8178, 46.8546, 40.3692

Triad

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



45.9304, 46.8546, 40.8055



40.6418, 46.8546, 53.1066



47.2152, 46.8546, 60.4646

Complementary

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



45.9304, 46.8546, 40.8055



41.6170, 44.8054, 59.8813

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.



45.2578, 46.8546, 63.3888



45.9304, 46.8546, 40.8055



41.4920, 46.8546, 58.9231

Square

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



45.9304, 46.8546, 40.8055



40.8089, 46.8546, 47.1598



43.1660, 46.8546, 62.8034



48.4789, 46.8546, 55.0784

Rectangle

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



45.9304, 46.8546, 40.8055



42.5166, 46.8546, 41.5771



43.1660, 46.8546, 62.8034



46.6140, 46.8546, 61.7867

Sweetspot

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



45.9317, 46.8567, 40.8065



90.9557, 94.9881, 97.7421



44.5706, 41.1915, 49.4259



19.3487, 20.1841, 20.5977



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.



45.9317, 46.8567, 40.8065



78.5700, 79.4446, 65.1652



49.7316, 54.4566, 42.0731



11.0401, 11.4493, 11.1908



17.8050, 13.1272, 1.5954



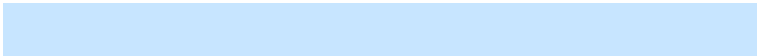
0.9154, 0.7663, 0.0997

Inverse Universe

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



41.6170, 44.8054, 59.8813



69.4585, 75.1121, 105.4450



38.2267, 38.0248, 58.7512



10.5121, 11.1983, 13.5249



9.9659, 9.3256, 36.0191



0.5440, 0.5858, 1.7295

Previews

White Background



This preview shows how the XYZ color 45.9304, 46.8546, 40.8055 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 45.9304, 46.8546, 40.8055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

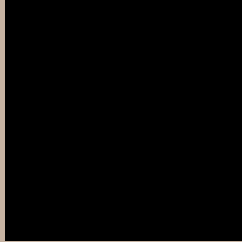
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9304, 46.8546, 40.8055

Background



This preview shows how black text looks on a background with the XYZ color 45.9304, 46.8546, 40.8055.



This preview shows how white text looks on a background with the XYZ color 45.9304, 46.8546,

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

45.9304, 46.8546, 40.8055

Protanopia

44.5740, 47.0474, 41.3821

Deuteranopia

47.8683, 46.9604, 41.1917



Tritanopia

48.6027, 46.7516, 54.6064

Trichromacy



Original Color

45.9304, 46.8546, 40.8055

Protanomaly

45.1271, 47.0295, 41.3495

Deuteranomaly

47.2348, 46.9260, 41.2184

Tritanomaly

47.4814, 46.5847, 49.1370

Monochromacy



Original Color

45.9304, 46.8546, 40.8055

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.2048, 47.2424, 47.2936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9304, 46.8546, 40.8055 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(198, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 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(198, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 162) }
```

Border

The CSS property to change the border of an element to XYZ 45.9304, 46.8546, 40.8055 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(198, 179, 162) }
```


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

```
.border{ border-color:rgb(198, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9304, 46.8546, 40.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 162) }
```

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

```
.background{ background-color: rgb(198,  
179, 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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