

Converting Colors

XYZ(40.2559, 45.7178, 28.5330)

Have a look what the booklet for
XYZ(40.2559, 45.7178, 28.5330)
contains.

XYZ(40.3614, 45.7707, 28.5371)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.3614, 45.7707,
28.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B884
RGB	181, 184, 132
RGB Percent	71%, 72%, 52%
CMY	0.2902, 0.2784, 0.4823
CMYK	0.02, 0.00, 0.28, 0.28
HSL	63°, 27%, 62%
HSV	63°, 28%, 72%
XYZ	40.3614, 45.7707, 28.5371
YIQ	177.1750, 14.9040, -16.8080

Conversions

Conversions Part 2

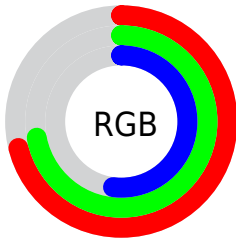
Format	Color
RYB	132, 184, 135
Decimal	11909252
CIELab	73.40, -9.51, 26.14
CIELCh	73, 27.817, 109.992
Yxy	45.7707, 0.3520, 0.3992
Android (android.graphics.Color)	4290099332 (0xFFB5B884)
YUV	177.1750, -22.2713, 3.3545
Hunter-Lab	67.6540, -11.9041, 22.3488

Details

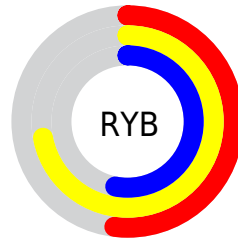
The XYZ color **40.3614, 45.7707, 28.5371** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.8964, 25.1153, 48.7802**, and the grayscale version is **41.9908, 44.1776, 48.1094**.

A 20% lighter version of the original color is **74.8421, 83.8275, 58.1347**, and **18.3917, 21.3538, 11.1350** is the 20% darker color. If you saturate the color by 10%, you get **38.9638, 45.1846, 22.4687**, and if you desaturate by 10%, it is **41.9853, 46.4508, 35.7772**.

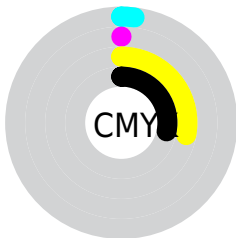
Distribution



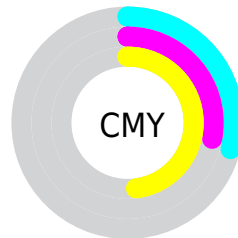
- Red (71%)
- Green (72%)
- Blue (52%)



- Red (52%)
- Yellow (72%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3614, 45.7707, 28.5371 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 40.3614, 45.7707, 28.5371 by changing the saturation by 10% instead.

■ 40.3614, 45.7707,
28.5371

■ 40.3614, 45.7707,
28.5371

338.7528,
369.8860, 309.0169

■ 28.0059, 32.0649,
18.4884

■ 74.9944, 83.8757,
58.3742

■ 18.4706, 21.4111,
11.1281

■ 98.0026, 109.0438,
78.9996

■ 11.3901, 13.4248,
6.0378

■ 125.2923,
138.8013, 103.9877

■ 6.3991, 7.7217,
2.7989

157.2291,
173.5328, 133.7570

■ 3.1322, 3.9174,
0.9929

194.1782,
213.6226, 168.7260

■ 1.2240, 1.6275,
0.0000

236.5049,

■ 0.1252, 0.3760,

259.4552, 209.3133

0.0000

284.5747,
311.4148, 255.9374

■ 0.0000, 0.0000,
0.0000

■ 40.3614, 45.7707,
28.5371

■ 40.3614, 45.7707,
28.5371

■ 38.9638, 45.1846,
22.4687

■ 41.9853, 46.4508,
35.7772

■ 37.7775, 44.6816,
17.5077

■ 43.8429, 47.2229,
44.2432

■ 36.7907, 44.2586,
13.5879

■ 45.9455, 48.0933,
53.9891

■ 35.9895, 43.9101,
10.6352

■ 48.3026, 49.0657,
65.0651

■ 35.3577, 43.6296,
8.5652

■ 50.9231, 50.1437,
77.5186

■ 34.8768, 43.4096,
7.2796

■ 53.8157, 51.3308,
91.3947

■ 34.5163, 43.2380,
6.6184

■ 56.0396, 52.2506,
101.7395

■ 34.4578, 43.2099,
6.5242

■ 56.3033, 52.3865,
101.7518

■ 56.5689, 52.5234,
101.7643

Harmonies

Analogous

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



45.1617, 45.7707, 27.7072



40.3614, 45.7707, 28.5371



36.6788, 45.7707, 34.4243

Triad

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



40.3614, 45.7707, 28.5371



37.7233, 45.7707, 73.4927



53.4571, 45.7707, 54.6744

Complementary

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



40.3614, 45.7707, 28.5371



26.8964, 25.1153, 48.7802

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.



51.1266, 45.7707, 69.2742



40.3614, 45.7707, 28.5371



41.8868, 45.7707, 81.4111

Square

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



40.3614, 45.7707, 28.5371



35.2369, 45.7707, 59.6425



46.8050, 45.7707, 79.7369



52.9718, 45.7707, 41.1690

Rectangle

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



40.3614, 45.7707, 28.5371



35.2377, 45.7707, 41.1626



46.8050, 45.7707, 79.7369



52.9707, 45.7707, 59.6506

Sweetspot

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



40.3626, 45.7727, 28.5381



79.5187, 85.6186, 80.4095



32.5418, 29.0740, 25.7271



17.0274, 18.4098, 16.8057



88.6918, 93.3107, 101.6153



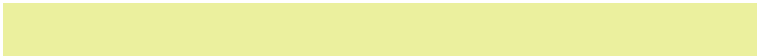
17.8044, 18.7317, 20.3988

Same Dimension

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



40.3626, 45.7727, 28.5381



71.5189, 82.2800, 44.5512



34.9015, 42.9575, 28.2825



9.6976, 10.4762, 9.6179



23.7675, 29.7889, 4.4972



0.8535, 1.0582, 0.1593

Inverse Universe

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



26.8964, 25.1153, 48.7802



43.0310, 38.5732, 87.3820



31.5218, 27.4998, 48.9966



8.5679, 8.7436, 11.3155



6.0752, 2.4431, 31.4044



0.2305, 0.0945, 1.1078

Previews

White Background



This preview shows how the XYZ color 40.3614, 45.7707, 28.5371 looks on a white background.

Color Contrast Check

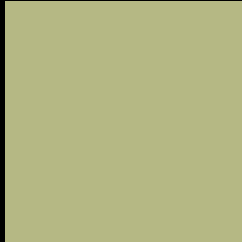
Large Text (above 18pt) WCAG AA × Fail

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 40.3614, 45.7707, 28.5371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

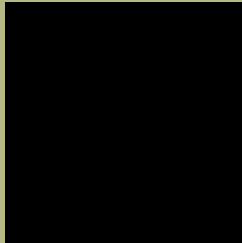
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3614, 45.7707, 28.5371

Background



This preview shows how black text looks on a background with the XYZ color 40.3614, 45.7707, 28.5371.



This preview shows how white text looks on a background with the XYZ color 40.3614, 45.7707,

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

40.3614, 45.7707, 28.5371

Protanopia

42.5987, 45.7236, 27.6994

Deuteranopia

46.6872, 45.7545, 28.9251



Tritanopia

45.5586, 45.4597, 55.0886

Trichromacy



Original Color

40.3614, 45.7707, 28.5371

Protanomaly

41.6069, 45.5053, 28.0632

Deuteranomaly

44.0432, 45.5552, 28.6620

Tritanomaly

43.2891, 45.4191, 44.0213

Monochromacy



Original Color

40.3614, 45.7707, 28.5371

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.1144, 44.6807, 40.1755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3614, 45.7707, 28.5371 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(181, 184, 132)` looks like.

```
.text, #text, p{  
    color:rgb(181, 184, 132)  
}
```

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(181, 184, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 184, 132) }
```

Border

The CSS property to change the border of an element to XYZ 40.3614, 45.7707, 28.5371 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(181, 184, 132) }
```


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

```
.border{ border-color:rgb(181, 184, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 184, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 184, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 184, 132);  
box-shadow:4px 4px 4px 4px rgb(181, 184,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3614, 45.7707, 28.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 184, 132) }
```

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

```
.background{ background-color: rgb(181,  
184, 132) }
```

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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