

Converting Colors

XYZ(40.1047, 45.0549, 34.9032)

Have a look what the booklet for
XYZ(40.1047, 45.0549, 34.9032)
contains.

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Color

**XYZ(40.2628, 45.2670,
35.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B795
RGB	176, 183, 149
RGB Percent	69%, 72%, 58%
CMY	0.3098, 0.2823, 0.4157
CMYK	0.04, 0.00, 0.19, 0.28
HSL	72°, 19%, 65%
HSV	72°, 19%, 72%
XYZ	40.2628, 45.2670, 35.0491
YIQ	177.0310, 6.7420, -12.0580

Conversions

Conversions Part 2

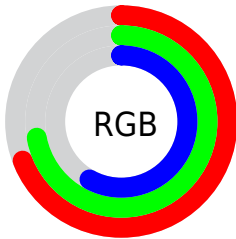
Format	Color
RYB	149, 183, 156
Decimal	11581333
CIELab	73.07, -8.40, 16.50
CIELCh	73, 18.511, 116.979
Yxy	45.2670, 0.3339, 0.3754
Android (android.graphics.Color)	4289771413 (0xFFB0B795)
YUV	177.0310, -13.8193, -0.9042
Hunter-Lab	67.2808, -10.9216, 16.2101

Details

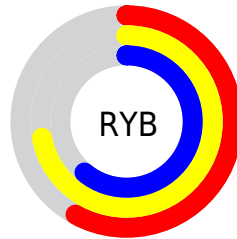
The XYZ color **40.2628, 45.2670, 35.0491** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.0068, 31.9829, 49.2359**, and the grayscale version is **41.8751, 44.0558, 47.9768**.

A 20% lighter version of the original color is **74.9247, 83.2006, 68.6103**, and **18.3556, 21.0581, 14.6524** is the 20% darker color. If you saturate the color by 10%, you get **38.0750, 44.2963, 27.9099**, and if you desaturate by 10%, it is **42.7063, 46.3458, 43.4005**.

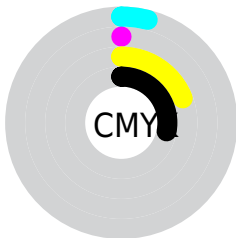
Distribution



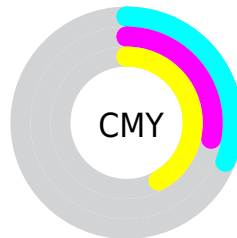
- Red (69%)
- Green (72%)
- Blue (58%)



- Red (58%)
- Yellow (72%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2628, 45.2670, 35.0491 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 40.2628, 45.2670, 35.0491 by changing the saturation by 10% instead.

■ 40.2628, 45.2670,
35.0491

■ 40.2628, 45.2670,
35.0491

338.3454,
367.8538, 339.6958

■ 27.9286, 31.6678,
23.4168

■ 74.8453, 83.1209,
68.7143

■ 18.4120, 21.1079,
14.6934

■ 97.8244, 108.1444,
91.5842

■ 11.3477, 13.2029,
8.4603

125.0825,
137.7448, 119.0372

■ 6.3702, 7.5684,
4.2989

156.9849,
172.3065, 151.4917

■ 3.1143, 3.8200,
1.7907

193.8971,
212.2138, 189.3663

■ 1.2145, 1.5734,
0.4218

236.1843,

■ 0.1178, 0.3396,

257.8512, 233.0795

0.0000

284.2120,
309.6031, 283.0498

■ 0.0000, 0.0000,
0.0000

■ 40.2628, 45.2670,
35.0491

■ 40.2628, 45.2670,
35.0491

■ 38.0750, 44.2963,
27.9099

■ 42.7063, 46.3458,
43.4005

■ 36.1283, 43.4232,
21.9238

■ 45.4122, 47.5307,
53.0140

■ 34.4124, 42.6451,
17.0309

■ 48.3911, 48.8276,
63.9399

■ 32.9143, 41.9569,
13.1648

■ 51.6521, 50.2402,
76.2252

■ 31.6200, 41.3528,
10.2519

■ 55.2040, 51.7720,
89.9144

■ 30.5133, 40.8263,
8.2088

■ 58.4363, 53.1787,
101.7923

■ 29.5756, 40.3701,
6.9379

■ 59.4464, 53.6995,
101.8396

■ 28.7751, 39.9713,
6.2732

■ 60.4815, 54.2331,
101.8880

■ 28.6661, 39.9167,
6.1938

■ 61.5417, 54.7796,
101.9377

Harmonies

Analogous

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



43.3537, 45.2670, 33.5455



40.2628, 45.2670, 35.0491



38.0147, 45.2670, 40.1991

Triad

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



40.2628, 45.2670, 35.0491



39.7217, 45.2670, 65.7943



49.5439, 45.2670, 50.2334

Complementary

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



40.2628, 45.2670, 35.0491



33.0068, 31.9829, 49.2359

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.



48.4571, 45.2670, 59.6532



40.2628, 45.2670, 35.0491



42.6978, 45.2670, 69.3158

Square

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



40.2628, 45.2670, 35.0491



37.7135, 45.2670, 57.8244



45.9106, 45.2670, 66.9397



48.8130, 45.2670, 41.6361

Rectangle

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



40.2628, 45.2670, 35.0491



37.2417, 45.2670, 45.3803



45.9106, 45.2670, 66.9397



49.3778, 45.2670, 53.4140

Sweetspot

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



40.2640, 45.2690, 35.0501



77.6399, 83.5083, 81.7829



36.8097, 35.9484, 33.4331



17.0809, 18.4149, 17.8264



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.



40.2640, 45.2690, 35.0501



70.5729, 80.3911, 57.6837



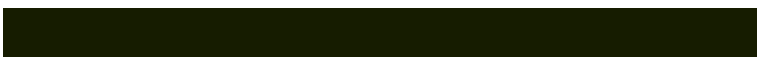
36.6976, 43.4305, 34.8832



9.5642, 10.4075, 9.6117



20.0546, 27.8749, 4.3234



0.7534, 1.0066, 0.1546

Inverse Universe

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



33.0068, 31.9829, 49.2359



55.3452, 52.5102, 87.4542



36.4856, 33.7763, 49.3987



8.6893, 8.8062, 11.3212



6.5596, 2.6928, 31.4271



0.2825, 0.1214, 1.1103

Previews

White Background



This preview shows how the XYZ color 40.2628, 45.2670, 35.0491 looks on a white background.

Color Contrast Check

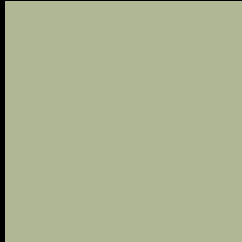
Large Text (above 18pt) WCAG AA × Fail

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 40.2628, 45.2670, 35.0491 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

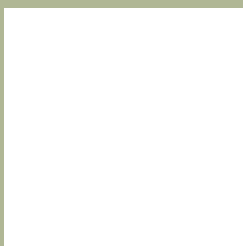
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2628, 45.2670, 35.0491

Background



This preview shows how black text looks on a background with the XYZ color 40.2628, 45.2670, 35.0491.



This preview shows how white text looks on a background with the XYZ color 40.2628, 45.2670,

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

40.2628, 45.2670, 35.0491

Protanopia

42.6218, 45.2939, 34.1000

Deuteranopia

45.7920, 44.8612, 35.5237



Tritanopia

44.4175, 45.1510, 55.6642

Trichromacy



Original Color

40.2628, 45.2670, 35.0491

Protanomaly

41.6741, 45.0949, 34.5247

Deuteranomaly

43.5360, 44.8548, 35.2174

Tritanomaly

42.7790, 45.0781, 47.5205

Monochromacy



Original Color

40.2628, 45.2670, 35.0491

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.2266, 44.3773, 42.9520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2628, 45.2670, 35.0491 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(176, 183, 149)` looks like.

```
.text, #text, p{  
    color:rgb(176, 183, 149)  
}
```

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(176, 183, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 183, 149) }
```

Border

The CSS property to change the border of an element to XYZ 40.2628, 45.2670, 35.0491 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(176, 183, 149) }
```


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

```
.border{ border-color:rgb(176, 183, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 183, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 183, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 183, 149);  
box-shadow:4px 4px 4px 4px rgb(176, 183,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2628, 45.2670, 35.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 183, 149) }
```

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

```
.background{ background-color: rgb(176,  
183, 149) }
```

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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