

Converting Colors

XYZ(40.9268, 45.5880, 36.1428)

Have a look what the booklet for
XYZ(40.9268, 45.5880, 36.1428)
contains.

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Color

**XYZ(40.9611, 45.5989,
36.3484)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B798
RGB	178, 183, 152
RGB Percent	70%, 72%, 60%
CMY	0.3020, 0.2823, 0.4039
CMYK	0.03, 0.00, 0.17, 0.28
HSL	70°, 18%, 66%
HSV	70°, 17%, 72%
XYZ	40.9611, 45.5989, 36.3484
YIQ	177.9710, 6.9710, -10.7010

Conversions

Conversions Part 2

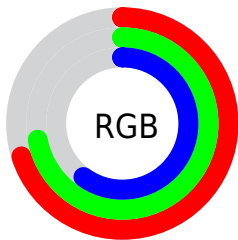
Format	Color
RYB	152, 183, 157
Decimal	11712408
CIELab	73.28, -7.18, 15.20
CIELCh	73, 16.806, 115.274
Yxy	45.5989, 0.3333, 0.3710
Android (android.graphics.Color)	4289902488 (0xFFB2B798)
YUV	177.9710, -12.8037, 0.0254
Hunter-Lab	67.5270, -9.8961, 15.3543

Details

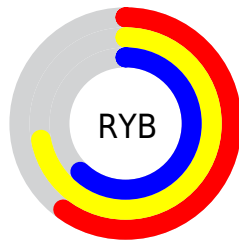
The XYZ color **40.9611, 45.5989, 36.3484** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6818, 33.0447, 49.4052**, and the grayscale version is **42.3656, 44.5719, 48.5388**.

A 20% lighter version of the original color is **75.9388, 83.6817, 70.5423**, and **18.7890, 21.2648, 15.4262** is the 20% darker color. If you saturate the color by 10%, you get **38.9065, 44.7011, 29.0227**, and if you desaturate by 10%, it is **43.2641, 46.6007, 44.8948**.

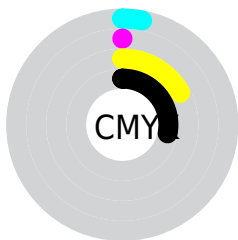
Distribution



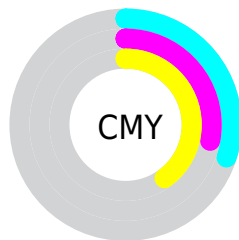
- Red (70%)
- Green (72%)
- Blue (60%)



- Red (60%)
- Yellow (72%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (28%)





- Cyan (30%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9611, 45.5989, 36.3484 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 40.9611, 45.5989, 36.3484 by changing the saturation by 10% instead.


 40.9611, 45.5989,
36.3484


 40.9611, 45.5989,
36.3484


341.2234,
369.1937, 345.5641

 28.4762, 31.9294,
24.4116

 75.8999, 83.6184,
70.7446

 18.8272, 21.3076,
15.4242


 99.0846, 108.7372,
94.0410

 11.6488, 13.3490,
8.9677


126.5665,
138.4412, 121.9610

 6.5755, 7.6693,
4.6236

158.7112,
173.1149, 154.9232

 3.2420, 3.8841,
1.9733

195.8838,
213.1426, 193.3460

 1.2830, 1.6089,
0.5388

238.4498,

 0.1704, 0.3636,

258.9087, 237.6481

0.0000

286.7745,
310.7976, 288.2480

■ 0.0000, 0.0000,
0.0000

■ 40.9611, 45.5989,
36.3484

■ 40.9611, 45.5989,
36.3484

■ 38.9065, 44.7011,
29.0227

■ 43.2641, 46.6007,
44.8948

■ 37.0859, 43.8971,
22.8592

■ 45.8217, 47.7046,
54.7111

■ 35.4891, 43.1843,
17.7987

■ 48.6446, 48.9163,
65.8472

■ 34.1035, 42.5576,
13.7760

■ 51.7417, 50.2394,
78.3498

■ 32.9154, 42.0115,
10.7187

■ 55.1216, 51.6774,
92.2630

■ 31.9091, 41.5398,
8.5454

■ 57.6770, 52.7873,
101.7568

■ 31.0666, 41.1353,
7.1612

■ 58.4515, 53.1865,
101.7930

■ 30.3626, 40.7877,
6.4333

■ 59.2412, 53.5936,
101.8300

■ 30.1600, 40.6869,
6.2637

■ 60.0461, 54.0086,
101.8677

Harmonies

Analogous

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



43.8099, 45.5989, 35.1425



40.9611, 45.5989, 36.3484



38.8392, 45.5989, 40.9501

Triad

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



40.9611, 45.5989, 36.3484



40.1856, 45.5989, 64.2497



49.2490, 45.5989, 51.0015

Complementary

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



40.9611, 45.5989, 36.3484



33.6818, 33.0447, 49.4052

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.



48.1766, 45.5989, 59.5011



40.9611, 45.5989, 36.3484



42.8742, 45.5989, 67.6830

Square

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



40.9611, 45.5989, 36.3484



38.4059, 45.5989, 56.9208



45.8101, 45.5989, 65.8540



48.6804, 45.5989, 43.0253

Rectangle

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



40.9611, 45.5989, 36.3484



38.0775, 45.5989, 45.6293



45.8101, 45.5989, 65.8540



49.0672, 45.5989, 53.8990

Sweetspot

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



40.9623, 45.6009, 36.3494



78.2972, 83.8099, 83.4938



37.1953, 36.3312, 34.7587



17.2251, 18.4815, 18.1817



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.



40.9623, 45.6009, 36.3494



72.0627, 81.1004, 60.4107



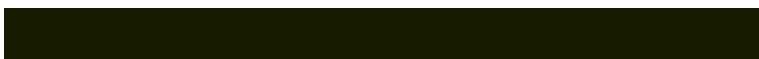
37.6761, 43.9068, 36.1956



9.6040, 10.4280, 9.6135



21.0876, 28.4074, 4.3717



0.7819, 1.0213, 0.1559

Inverse Universe

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



33.6818, 33.0447, 49.4052



56.7851, 54.7499, 87.8106



36.8232, 34.6641, 49.5522



8.6525, 8.7872, 11.3195



6.3662, 2.5931, 31.4181



0.2669, 0.1133, 1.1096

Previews

White Background



This preview shows how the XYZ color 40.9611, 45.5989, 36.3484 looks on a white background.

Color Contrast Check

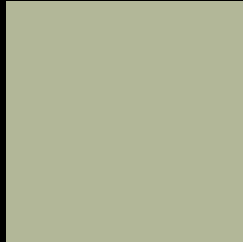
Large Text (above 18pt) WCAG AA × Fail

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 40.9611, 45.5989, 36.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

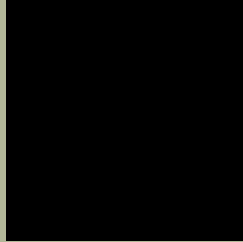
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

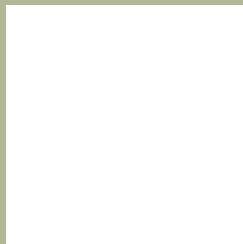
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9611, 45.5989, 36.3484

Background



This preview shows how black text looks on a background with the XYZ color 40.9611, 45.5989, 36.3484.



This preview shows how white text looks on a background with the XYZ color 40.9611, 45.5989,

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

40.9611, 45.5989, 36.3484

Protanopia

42.8603, 45.3894, 35.3562

Deuteranopia

46.2299, 45.3420, 36.8872



Tritanopia

44.8933, 45.3962, 55.6864

Trichromacy



Original Color

40.9611, 45.5989, 36.3484

Protanomaly

42.1569, 45.3160, 35.8031

Deuteranomaly

44.2369, 45.4800, 36.5840

Tritanomaly

43.3473, 45.3596, 48.0656

Monochromacy



Original Color

40.9611, 45.5989, 36.3484

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.8428, 44.9721, 44.0112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9611, 45.5989, 36.3484 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(178, 183, 152)` looks like.

```
.text, #text, p{  
    color:rgb(178, 183, 152)  
}
```

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(178, 183, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 183, 152) }
```

Border

The CSS property to change the border of an element to XYZ 40.9611, 45.5989, 36.3484 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(178, 183, 152) }
```


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

```
.border{ border-color:rgb(178, 183, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 183, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 183, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 183, 152);  
box-shadow:4px 4px 4px 4px rgb(178, 183,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9611, 45.5989, 36.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 183, 152) }
```

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

```
.background{ background-color: rgb(178,  
183, 152) }
```

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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