

Converting Colors

XYZ(37.9602, 40.4218, 45.8683)

Have a look what the booklet for
XYZ(37.9602, 40.4218, 45.8683)
contains.

XYZ(37.9288, 40.2888, 45.8219)	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(37.9288, 40.2888,
45.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	A6ABAE
RGB	166, 171, 174
RGB Percent	65%, 67%, 68%
CMY	0.3490, 0.3294, 0.3176
CMYK	0.05, 0.02, 0.00, 0.32
HSL	202°, 5%, 67%
HSV	202°, 5%, 68%
XYZ	37.9288, 40.2888, 45.8219
YIQ	169.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

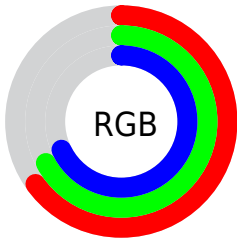
Format	Color
RYB	166, 169, 174
Decimal	10922926
CIELab	69.67, -1.18, -2.16
CIElCh	70, 2.461, 241.465
Yxy	40.2888, 0.3058, 0.3248
Android (android.graphics.Color)	4289113006 (0xFFA6ABAE)
YUV	169.8470, 2.0474, -3.3738
Hunter-Lab	63.4735, -4.4152, 1.6296

Details

The XYZ color **37.9288, 40.2888, 45.8219** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5266, 40.1275, 41.7919**, and the grayscale version is **38.1248, 40.1102, 43.6801**.

A 20% lighter version of the original color is **71.1580, 75.4220, 84.9362**, and **17.0491, 18.1762, 21.0221** is the 20% darker color. If you saturate the color by 10%, you get **33.3243, 36.1329, 45.2630**, and if you desaturate by 10%, it is **43.0899, 44.8240, 46.4259**.

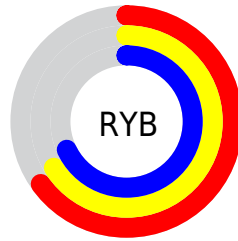
Distribution



Red (65%)

Green (67%)

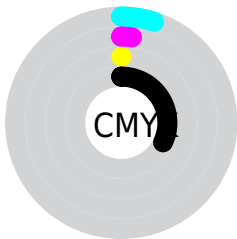
Blue (68%)



Red (65%)

Yellow (66%)

Blue (68%)

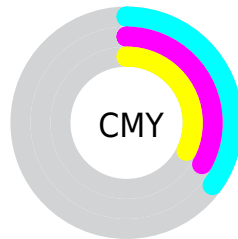


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9288, 40.2888, 45.8219 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 37.9288, 40.2888, 45.8219 by changing the saturation by 10% instead.

■ 37.9288, 40.2888,
45.8219

■ 37.9288, 40.2888,
45.8219

328.6006,
347.3393, 386.3489

■ 26.1044, 27.7638,
31.7577

■ 71.3036, 75.6031,
85.2839

■ 17.0348, 18.1477,
20.9132

■ 93.5847, 99.1612,
111.5187

■ 10.3548, 11.0561,
12.8699

120.0821,
127.1657, 142.6474

■ 5.6989, 6.1046,
7.2094

151.1611,
160.0011, 179.0886

■ 2.7018, 2.9088,
3.5130

187.1871,
198.0518, 221.2608

■ 0.9981, 1.0843,
1.3621

228.5254,

■ 0.0000, 0.0000,

241.7021, 269.5826

0.1119

275.5415,
291.3365, 324.4724

■ 0.0000, 0.0000,
0.0000

■ 37.9288, 40.2888,
45.8219

■ 37.9288, 40.2888,
45.8219

■ 33.3243, 36.1329,
45.2630

■ 43.0899, 44.8240,
46.4259

■ 29.2523, 32.3393,
44.7454

■ 48.8236, 49.7448,
47.0735

■ 25.6922, 28.8972,
44.2687

■ 55.1493, 55.0634,
47.7667

■ 22.6205, 25.7931,
43.8314

■ 62.0849, 60.7902,
48.5065

■ 20.0117, 23.0124,
43.4322

■ 69.6469, 66.9352,
49.2940

■ 17.8379, 20.5395,
43.0694

■ 71.9563, 70.4684,
49.8543

■ 16.0678, 18.3568,
42.7414

■ 73.6000, 73.7559,
50.4022

■ 14.6658, 16.4442,
42.4461

■ 75.3101, 77.1761,
50.9723

■ 13.5884, 14.7780,
42.1813

■ 77.0873, 80.7305,
51.5647

Harmonies

Analogous

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



37.6441, 40.2888, 45.0219



37.9288, 40.2888, 45.8219



38.3129, 40.2888, 46.0959

Triad

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



37.9288, 40.2888, 45.8219



39.0636, 40.2888, 43.8116



37.8951, 40.2888, 42.0242

Complementary

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



37.9288, 40.2888, 45.8219



38.5266, 40.1275, 41.7919

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.



38.2737, 40.2888, 41.7124



37.9288, 40.2888, 45.8219



38.9499, 40.2888, 42.7333

Square

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



37.9288, 40.2888, 45.8219



38.9697, 40.2888, 44.9232



38.6601, 40.2888, 41.9698



37.6247, 40.2888, 42.8287

Rectangle

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



37.9288, 40.2888, 45.8219



38.5741, 40.2888, 45.9396



38.6601, 40.2888, 41.9698



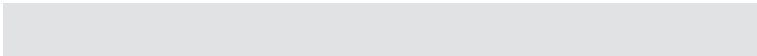
38.0139, 40.2888, 41.8589

Sweetspot

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



37.9300, 40.2905, 45.8228



72.0335, 75.9465, 83.4994



38.0178, 41.2419, 43.4607



16.0215, 16.8898, 18.5600



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.



37.9300, 40.2905, 45.8228



67.4764, 71.9012, 82.9588



37.1975, 38.8256, 45.5786



8.2734, 8.8233, 10.2197



9.5512, 10.2363, 30.5169



0.3160, 0.3853, 0.8657

Inverse Universe

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



38.4434, 39.2122, 44.0726



68.7053, 69.3447, 78.7643



39.2700, 41.6141, 42.0397



8.4346, 8.4888, 9.6692



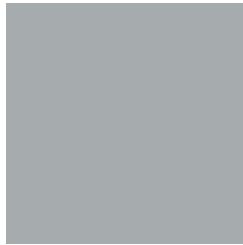
14.6847, 7.3364, 11.2508



0.4339, 0.2142, 0.4466

Previews

White Background



This preview shows how the XYZ color 37.9288, 40.2888, 45.8219 looks on a white background.

Color Contrast Check

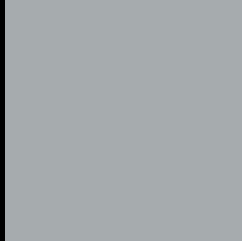
Large Text (above 18pt) WCAG AA × Fail

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 37.9288, 40.2888, 45.8219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

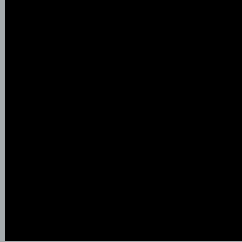
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

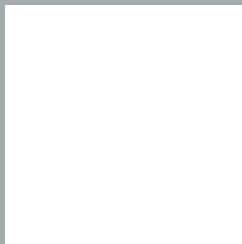
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9288, 40.2888, 45.8219

Background



This preview shows how black text looks on a background with the XYZ color 37.9288, 40.2888, 45.8219.



This preview shows how white text looks on a background with the XYZ color 37.9288, 40.2888,

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

37.9288, 40.2888, 45.8219

Protanopia

38.7440, 40.1637, 45.2455

Deuteranopia

40.9602, 40.1958, 46.1572



Tritanopia

38.8583, 40.3838, 50.5466

Trichromacy



Original Color

37.9288, 40.2888, 45.8219

Protanomaly

38.4951, 40.3126, 45.2874

Deuteranomaly

39.6880, 40.0797, 46.2018

Tritanomaly

38.5493, 40.2602, 48.9193

Monochromacy



Original Color

37.9288, 40.2888, 45.8219

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.0876, 40.1247, 44.2655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9288, 40.2888, 45.8219 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(166, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(166, 171, 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(166, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 171, 174) }
```

Border

The CSS property to change the border of an element to XYZ 37.9288, 40.2888, 45.8219 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(166, 171, 174) }
```


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

```
.border{ border-color:rgb(166, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(166, 171,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9288, 40.2888, 45.8219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 171, 174) }
```

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

```
.background{ background-color: rgb(166,  
171, 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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