

Converting Colors

XYZ(40.8764, 43.2592, 45.2244)

Have a look what the booklet for
XYZ(40.8764, 43.2592, 45.2244)
contains.

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Color

**XYZ(40.8762, 43.2593,
45.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B0AC
RGB	176, 176, 172
RGB Percent	69%, 69%, 67%
CMY	0.3098, 0.3098, 0.3255
CMYK	0.00, 0.00, 0.02, 0.31
HSL	60°, 2%, 68%
HSV	60°, 2%, 69%
XYZ	40.8762, 43.2593, 45.2252
YIQ	175.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

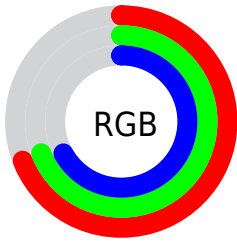
Format	Color
RYB	172, 176, 172
Decimal	11579564
CIELab	71.73, -0.74, 2.04
CIELCh	72, 2.166, 109.937
Yxy	43.2593, 0.3160, 0.3344
Android (android.graphics.Color)	4289769644 (0xFFB0B0AC)
YUV	175.5440, -1.7472, 0.3999
Hunter-Lab	65.7718, -4.1656, 5.2720

Details

The XYZ color **40.8762, 43.2593, 45.2252** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6039, 41.4115, 46.9824**, and the grayscale version is **41.0389, 43.1761, 47.0188**.

A 20% lighter version of the original color is **76.0005, 80.4151, 84.1891**, and **18.9100, 20.0565, 20.6439** is the 20% darker color. If you saturate the color by 10%, you get **39.2939, 42.6274, 36.9041**, and if you desaturate by 10%, it is **42.6849, 43.9845, 54.7274**.

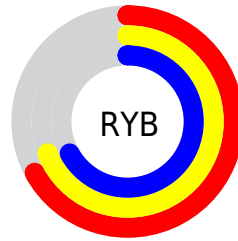
Distribution



Red (69%)

Green (69%)

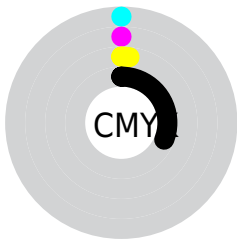
Blue (67%)



Red (67%)

Yellow (69%)

Blue (67%)

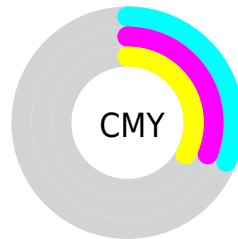


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8762, 43.2593, 45.2252 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 40.8762, 43.2593, 45.2252 by changing the saturation by 10% instead.

■ 40.8762, 43.2593,
45.2252

■ 40.8762, 43.2593,
45.2252

340.8744,
359.6771, 383.8716

■ 28.4096, 30.0886,
31.2906

■ 75.7718, 80.1020,
84.3803

■ 18.7767, 19.9059,
20.5599

98.9316, 104.5428,
110.4378

■ 11.6121, 12.3266,
12.6146

126.3864,
133.5091, 141.3735

■ 6.5504, 6.9665,
7.0361

158.5017,
167.3854, 177.6057

■ 3.2264, 3.4412,
3.4059

195.6427,
206.5559, 219.5531

■ 1.2746, 1.3662,
1.3054

238.1750,

■ 0.1641, 0.1916,

251.4050, 267.6342

0.0662

286.4637,
302.3173, 322.2675

■ 0.0000, 0.0000,
0.0000

■ 40.8762, 43.2593,
45.2252

■ 40.8762, 43.2593,
45.2252

■ 39.2939, 42.6274,
36.9041

■ 42.6849, 43.9845,
54.7274

■ 37.9256, 42.0797,
29.7152

■ 44.7245, 44.8007,
65.4513

■ 36.7631, 41.6144,
23.6106

■ 47.0041, 45.7130,
77.4391

■ 35.7966, 41.2274,
18.5375

■ 49.5313, 46.7242,
90.7302

■ 35.0152, 40.9144,
14.4391

■ 51.4968, 47.5108,
101.0641

■ 34.4070, 40.6708,
11.2529

■ 51.5000, 47.5124,
101.0642

■ 33.9587, 40.4911,
8.9092

■ 51.5032, 47.5141,
101.0644

■ 33.6554, 40.3694,
7.3283

■ 51.5064, 47.5157,
101.0645

■ 33.4788, 40.2984,
6.4151

■ 51.5096, 47.5174,
101.0647

Harmonies

Analogous

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



41.2403, 43.2593, 45.1375



40.8762, 43.2593, 45.2252



40.5783, 43.2593, 45.8115

Triad

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



40.8762, 43.2593, 45.2252



40.6636, 43.2593, 48.6678



41.8163, 43.2593, 47.4565

Complementary

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



40.8762, 43.2593, 45.2252



39.6039, 41.4115, 46.9824

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.



41.6598, 43.2593, 48.4165



40.8762, 43.2593, 45.2252



40.9933, 43.2593, 49.1227

Square

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



40.8762, 43.2593, 45.2252



40.4560, 43.2593, 47.7954



41.3581, 43.2593, 49.0301



41.7845, 43.2593, 46.4154

Rectangle

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



40.8762, 43.2593, 45.2252



40.4565, 43.2593, 46.4112



41.3581, 43.2593, 49.0301



41.7839, 43.2593, 47.7996

Sweetspot

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



40.8774, 43.2612, 45.2261



74.5236, 78.6132, 84.0675



40.1047, 41.7147, 44.9684



16.1542, 17.0382, 18.2385



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.



40.8774, 43.2612, 45.2261



73.8964, 78.3622, 80.7709



40.4289, 43.0299, 45.2051



9.4036, 9.9893, 10.1691



24.5050, 29.5429, 4.4108



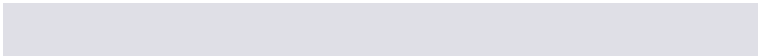
0.7712, 0.9297, 0.1388

Inverse Universe

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



39.6039, 41.4115, 46.9824



70.8123, 73.8827, 85.0239



40.0458, 41.6393, 47.0030



8.9246, 9.2935, 10.8298



5.7513, 2.3007, 30.2779



0.1812, 0.0725, 0.9527

Previews

White Background



This preview shows how the XYZ color 40.8762, 43.2593, 45.2252 looks on a white background.

Color Contrast Check

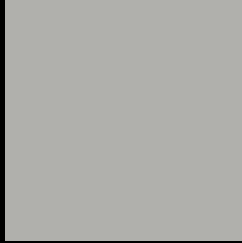
Large Text (above 18pt) WCAG AA × Fail

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 40.8762, 43.2593, 45.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

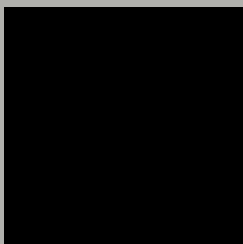
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

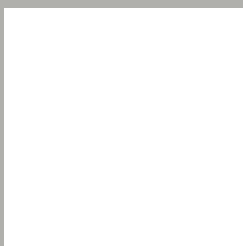
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8762, 43.2593, 45.2252

Background



This preview shows how black text looks on a background with the XYZ color 40.8762, 43.2593, 45.2252.



This preview shows how white text looks on a background with the XYZ color 40.8762, 43.2593,

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

40.8762, 43.2593, 45.2252

Protanopia

41.5030, 43.3035, 44.6990

Deuteranopia

43.9099, 43.1040, 45.5408



Tritanopia

42.4658, 43.3249, 53.1381

Trichromacy



Original Color

40.8762, 43.2593, 45.2252

Protanomaly

41.2711, 43.1839, 44.6882

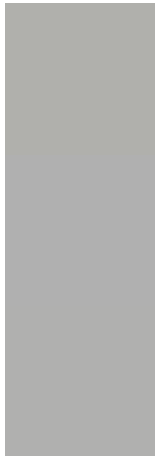
Deuteranomaly

42.7889, 43.0870, 45.5966

Tritanomaly

41.9049, 43.3845, 50.4214

Monochromacy



Original Color

40.8762, 43.2593, 45.2252

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1677, 43.3759, 46.7601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8762, 43.2593, 45.2252 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, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(176, 176, 172)  
}
```

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, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 176, 172) }
```

Border

The CSS property to change the border of an element to XYZ 40.8762, 43.2593, 45.2252 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, 176, 172) }
```


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

```
.border{ border-color:rgb(176, 176, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 176, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 176, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 176, 172);  
box-shadow:4px 4px 4px 4px rgb(176, 176,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8762, 43.2593, 45.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 176, 172) }
```

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

```
.background{ background-color: rgb(176,  
176, 172) }
```

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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