

Converting Colors

XYZ(45.7893, 48.7008, 53.1449)

Have a look what the booklet for
XYZ(45.7893, 48.7008, 53.1449)
contains.

XYZ(45.6073, 48.5657, 52.8693)	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(45.6073, 48.5657,
52.8693)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BAB9
RGB	182, 186, 185
RGB Percent	71%, 73%, 73%
CMY	0.2863, 0.2706, 0.2745
CMYK	0.02, 0.00, 0.01, 0.27
HSL	165°, 3%, 72%
HSV	165°, 2%, 73%
XYZ	45.6073, 48.5657, 52.8693
YIQ	184.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

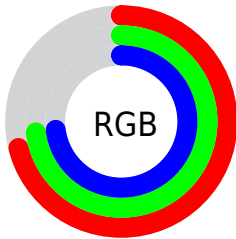
Format	Color
R_{YB}	182, 184, 186
Decimal	11975353
CIE Lab	75.18, -1.58, 0.01
CIE LCh	75, 1.576, 179.622
Yxy	48.5657, 0.3102, 0.3303
Android (android.graphics.Color)	4290165433 (0xFFB6BAB9)
YUV	184.6900, 0.1528, -2.3591
Hunter-Lab	69.6891, -5.1385, 3.8023

Details

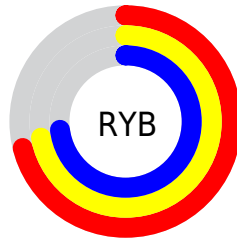
The XYZ color **45.6073, 48.5657, 52.8693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5267, 47.3152, 51.5354**, and the grayscale version is **45.9431, 48.3357, 52.6376**.

A 20% lighter version of the original color is **82.8892, 88.0323, 95.8423**, and **21.6056, 23.1081, 25.1514** is the 20% darker color. If you saturate the color by 10%, you get **41.0193, 46.2578, 50.1287**, and if you desaturate by 10%, it is **50.7977, 51.1850, 55.7243**.

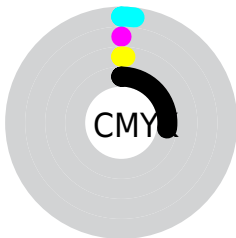
Distribution



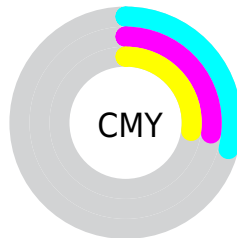
- Red (71%)
- Green (73%)
- Blue (73%)



- Red (71%)
- Yellow (72%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6073, 48.5657, 52.8693 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 45.6073, 48.5657, 52.8693 by changing the saturation by 10% instead.

■ 45.6073, 48.5657,
52.8693

■ 45.6073, 48.5657,
52.8693

359.9701,
381.0301, 414.8355

■ 32.1394, 34.2751,
37.3114

■ 82.8624, 88.0461,
95.8516

■ 21.6240, 23.1050,
25.1510

107.3804,
114.0046, 124.1131

■ 13.6960, 14.6711,
15.9696

136.3123,
144.6213, 157.4463

■ 7.9898, 8.5889,
9.3485

170.0237,
180.2805, 196.2696

■ 4.1402, 4.4740,
4.8693

208.8798,
221.3665, 241.0017

■ 1.7817, 1.9421,
2.1134

253.2459,

■ 0.5066, 0.5735,

268.2639, 292.0610

0.6237

303.4876,
321.3569, 349.8661

■ 0.0000, 0.0000,
0.0000

■ 45.6073, 48.5657,
52.8693

■ 45.6073, 48.5657,
52.8693

■ 41.0193, 46.2578,
50.1287

■ 50.7977, 51.1850,
55.7243

■ 37.0065, 44.2432,
47.4974

■ 56.6081, 54.1207,
58.6924

■ 33.5460, 42.5115,
44.9747

■ 63.0605, 57.3855,
61.7762

■ 30.6113, 41.0491,
42.5583

■ 69.6564, 60.7223,
64.9534

■ 28.1742, 39.8413,
40.2462

■ 70.2228, 60.9489,
67.9356

■ 26.2033, 38.8722,
38.0360

■ 70.8060, 61.1821,
71.0067

■ 24.6638, 38.1237,
35.9253

■ 71.4062, 61.4222,
74.1673

■ 23.5160, 37.5753,
33.9113

■ 72.0235, 61.6692,
77.4183

■ 22.7122, 37.2026,
31.9910

■ 72.6582, 61.9230,
80.7602

Harmonies

Analogous

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



45.6829, 48.5657, 52.0798



45.6073, 48.5657, 52.8693



45.6793, 48.5657, 53.6696

Triad

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



45.6073, 48.5657, 52.8693



46.4352, 48.5657, 54.2740



46.4416, 48.5657, 51.5199

Complementary

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



45.6073, 48.5657, 52.8693



45.5267, 47.3152, 51.5354

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.



46.6445, 48.5657, 52.0978



45.6073, 48.5657, 52.8693



46.6409, 48.5657, 53.6879

Square

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



45.6073, 48.5657, 52.8693



46.1566, 48.5657, 54.4857



46.7176, 48.5657, 52.8903



46.1639, 48.5657, 51.3057

Rectangle

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



45.6073, 48.5657, 52.8693



45.8015, 48.5657, 54.1003



46.7176, 48.5657, 52.8903



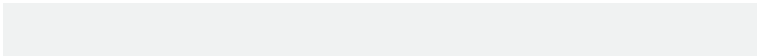
46.5208, 48.5657, 51.6778

Sweetspot

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



45.6087, 48.5678, 52.8704



83.6767, 88.5376, 96.4028



45.5483, 48.5729, 51.2316



18.4372, 19.5026, 21.2353



90.7827, 95.5105, 104.0109



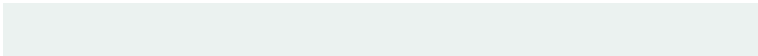
18.6292, 19.5994, 21.3438

Same Dimension

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



45.6087, 48.5678, 52.8704



81.8737, 87.6292, 95.3714



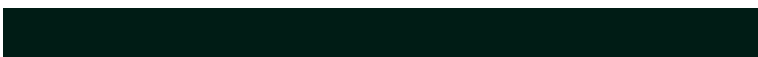
45.5188, 48.2180, 53.3648



9.7296, 10.4539, 11.3754



14.9988, 24.9005, 20.7134



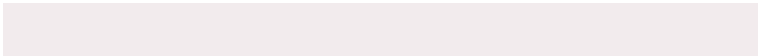
0.5520, 0.8871, 0.8526

Inverse Universe

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



45.5267, 47.3152, 51.5354



81.6645, 84.4311, 91.9631



45.6146, 47.6575, 51.0514



9.6991, 9.9876, 10.8784



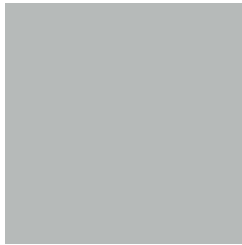
13.9892, 7.1695, 2.5642



0.5188, 0.2630, 0.2253

Previews

White Background



This preview shows how the XYZ color 45.6073, 48.5657, 52.8693 looks on a white background.

Color Contrast Check

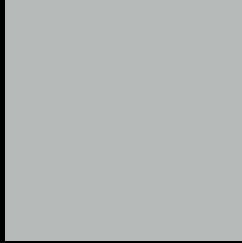
Large Text (above 18pt) WCAG AA × Fail

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 45.6073, 48.5657, 52.8693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

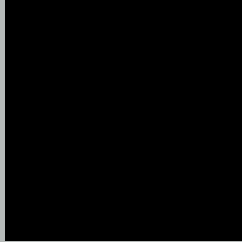
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

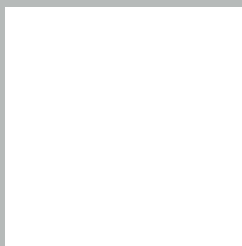
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.6073, 48.5657, 52.8693

Background



This preview shows how black text looks on a background with the XYZ color 45.6073, 48.5657, 52.8693.



This preview shows how white text looks on a background with the XYZ color 45.6073, 48.5657,

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

45.6073, 48.5657, 52.8693

Protanopia

46.5313, 48.4330, 52.2435

Deuteranopia

49.3401, 48.3419, 53.1848



Tritanopia

47.1007, 48.5485, 60.3144

Trichromacy



Original Color

45.6073, 48.5657, 52.8693

Protanomaly

46.2504, 48.5977, 52.2900

Deuteranomaly

48.0966, 48.6032, 53.3008

Tritanomaly

46.5030, 48.6155, 57.3848

Monochromacy



Original Color

45.6073, 48.5657, 52.8693

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.8731, 48.3911, 52.8216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6073, 48.5657, 52.8693 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(182, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 185)  
}
```

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(182, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 45.6073, 48.5657, 52.8693 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(182, 186, 185) }
```


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

```
.border{ border-color:rgb(182, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6073, 48.5657, 52.8693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 185) }
```

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

```
.background{ background-color: rgb(182,  
186, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor