

Converting Colors

XYZ(45.7391, 48.3853, 52.5410)

Have a look what the booklet for
XYZ(45.7391, 48.3853, 52.5410)
contains.

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Color

**XYZ(45.7679, 48.3490,
52.2675)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B9B8
RGB	184, 185, 184
RGB Percent	72%, 73%, 72%
CMY	0.2784, 0.2745, 0.2784
CMYK	0.01, 0.00, 0.01, 0.27
HSL	120°, 1%, 72%
HSV	120°, 1%, 73%
XYZ	45.7679, 48.3490, 52.2675
YIQ	184.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

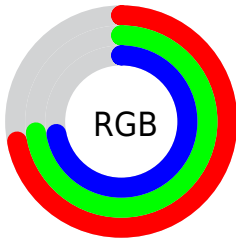
Format	Color
R_YB	184, 185, 185
Decimal	12106168
CIE Lab	75.04, -0.53, 0.37
CIE LCh	75, 0.650, 144.785
Yxy	48.3490, 0.3127, 0.3303
Android (android.graphics.Color)	4290296248 (0xFFB8B9B8)
YUV	184.5870, -0.2894, -0.5148
Hunter-Lab	69.5334, -4.1923, 4.1058

Details

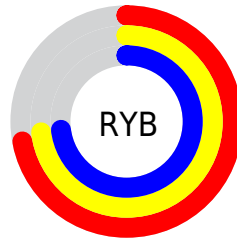
The XYZ color **45.7679, 48.3490, 52.2675** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9069, 48.0994, 52.7660**, and the grayscale version is **45.8876, 48.2774, 52.5740**.

A 20% lighter version of the original color is **83.1187, 87.7271, 94.9903**, and **21.7081, 22.9665, 24.7616** is the 20% darker color. If you saturate the color by 10%, you get **39.8087, 45.4879, 42.5191**, and if you desaturate by 10%, it is **52.5631, 51.6145, 63.3809**.

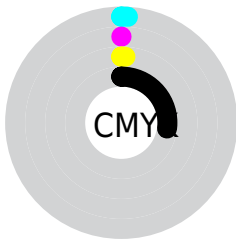
Distribution



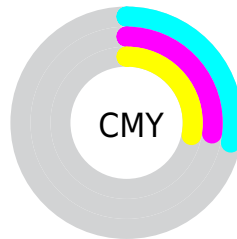
- Red (72%)
- Green (73%)
- Blue (72%)



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



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



- Cyan (28%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7679, 48.3490, 52.2675 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 45.7679, 48.3490, 52.2675 by changing the saturation by 10% instead.

■ 45.7679, 48.3490,
52.2675

■ 45.7679, 48.3490,
52.2675

360.6063,
380.1738, 412.4547

■ 32.2666, 34.1033,
36.8346

■ 83.1015, 87.7238,
94.9562

■ 21.7217, 22.9730,
24.7847

107.6645,
113.6217, 123.0492

■ 13.7680, 14.5736,
15.6992

136.6454,
144.1726, 156.1992

■ 8.0401, 8.5207,
9.1595

170.4096,
179.7607, 194.8248

■ 4.1726, 4.4299,
4.7471

209.3225,
220.7705, 239.3447

■ 1.8003, 1.9168,
2.0435

253.7493,

■ 0.5178, 0.5585,

267.5863, 290.1773

0.5819

304.0555,
320.5926, 347.7411

■ 0.0000, 0.0000,
0.0000

■ 45.7679, 48.3490,
52.2675

■ 45.7679, 48.3490,
52.2675

■ 39.8087, 45.4879,
42.5191

■ 52.5631, 51.6145,
63.3809

■ 34.6492, 43.0095,
34.0801

■ 60.2206, 55.2928,
75.9057

■ 30.2568, 40.8997,
26.8956

■ 68.7705, 59.3998,
89.8902

■ 26.5949, 39.1406,
20.9058

■ 76.6399, 63.1798,
102.7633

■ 23.6238, 37.7135,
16.0460

■ 21.3002, 36.5973,
12.2453

■ 19.5759, 35.7690,
9.4247

■ 18.3959, 35.2022,
7.4945

■ 17.6952, 34.8657,
6.3484

Harmonies

Analogous

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



45.8586, 48.3490, 52.0521



45.7679, 48.3490, 52.2675



45.7272, 48.3490, 52.5844

Triad

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



45.7679, 48.3490, 52.2675



45.9335, 48.3490, 53.2980



46.1620, 48.3490, 52.3701

Complementary

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



45.7679, 48.3490, 52.2675



45.9069, 48.0994, 52.7660

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.



46.1821, 48.3490, 52.7033



45.7679, 48.3490, 52.2675



46.0501, 48.3490, 53.2400

Square

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



45.7679, 48.3490, 52.2675



45.8227, 48.3490, 53.1801



46.1412, 48.3490, 53.0220



46.0861, 48.3490, 52.1112

Rectangle

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



45.7679, 48.3490, 52.2675



45.7338, 48.3490, 52.8110



46.1412, 48.3490, 53.0220



46.1755, 48.3490, 52.4771

Sweetspot

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



45.7693, 48.3511, 52.2686



82.5889, 86.8899, 94.6231



46.0105, 48.4754, 52.2798



17.8044, 18.7317, 20.3988



88.6918, 93.3107, 101.6153

Same Dimension

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



45.7693, 48.3511, 52.2686



81.4286, 86.3326, 92.7253



45.8220, 48.3722, 52.5460



9.9958, 10.5911, 11.3883



11.8131, 23.6262, 3.9379



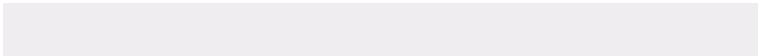
0.4164, 0.8329, 0.1388

Inverse Universe

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



45.9069, 48.0994, 52.7660



81.8890, 85.4902, 94.3898



45.8540, 48.0782, 52.4876



10.0477, 10.4962, 11.5758



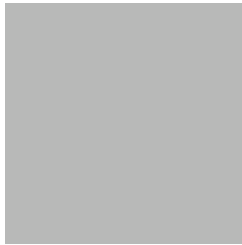
19.5855, 9.4080, 32.0338



0.6904, 0.3317, 1.1293

Previews

White Background



This preview shows how the XYZ color 45.7679, 48.3490, 52.2675 looks on a white background.

Color Contrast Check

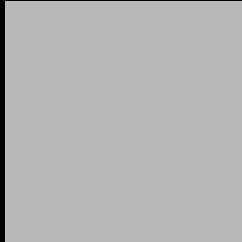
Large Text (above 18pt) WCAG AA × Fail

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 45.7679, 48.3490, 52.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

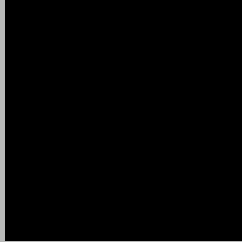
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

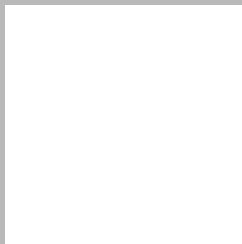
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.7679, 48.3490, 52.2675

Background



This preview shows how black text looks on a background with the XYZ color 45.7679, 48.3490, 52.2675.

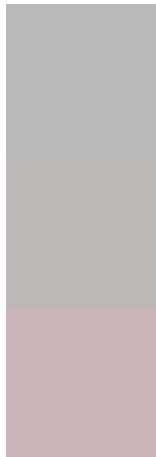


This preview shows how white text looks on a background with the XYZ color 45.7679, 48.3490,

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

45.7679, 48.3490, 52.2675

Protanopia

46.4268, 48.3912, 51.6932

Deuteranopia

49.2342, 48.2995, 52.6268



Tritanopia

47.2612, 48.3373, 59.6624

Trichromacy



Original Color

45.7679, 48.3490, 52.2675

Protanomaly

46.1812, 48.2647, 51.6817

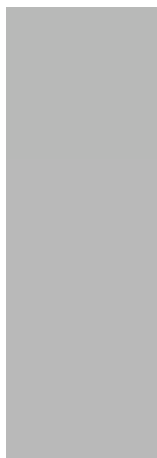
Deuteranomaly

47.7865, 48.1526, 52.6747

Tritanomaly

46.6625, 48.4010, 56.7521

Monochromacy



Original Color

45.7679, 48.3490, 52.2675

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1135, 48.5150, 52.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7679, 48.3490, 52.2675 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(184, 185, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 185, 184)  
}
```

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(184, 185, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 185, 184) }
```

Border

The CSS property to change the border of an element to XYZ 45.7679, 48.3490, 52.2675 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(184, 185, 184) }
```

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

```
.border{ border-color:rgb(184, 185, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 185, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 185, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 185, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 185,  
184) }
```


Background

The CSS property to change the background color of an element to XYZ 45.7679, 48.3490, 52.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 185, 184) }
```

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

```
.background{ background-color: rgb(184,  
185, 184) }
```

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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