

Converting Colors

XYZ(45.7879, 47.9825, 53.7171)

Have a look what the booklet for
XYZ(45.7879, 47.9825, 53.7171)
contains.

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Color

**XYZ(45.8773, 48.0592,
53.8721)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B8BB
RGB	184, 184, 187
RGB Percent	72%, 72%, 73%
CMY	0.2784, 0.2784, 0.2667
CMYK	0.02, 0.02, 0.00, 0.27
HSL	240°, 2%, 73%
HSV	240°, 2%, 73%
XYZ	45.8773, 48.0592, 53.8721
YIQ	184.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

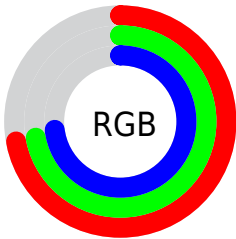
Format	Color
RYB	184, 184, 187
Decimal	12105915
CIELab	74.86, 0.57, -1.53
CIELCh	75, 1.627, 290.367
Yxy	48.0592, 0.3104, 0.3251
Android (android.graphics.Color)	4290295995 (0xFFB8B8BB)
YUV	184.3420, 1.3104, -0.2999
Hunter-Lab	69.3247, -3.1917, 2.4532

Details

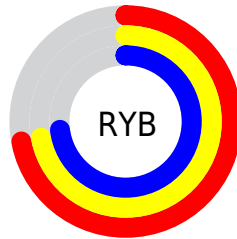
The XYZ color **45.8773, 48.0592, 53.8721** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9156, 49.5656, 52.4425**, and the grayscale version is **45.7436, 48.1258, 52.4090**.

A 20% lighter version of the original color is **83.2729, 87.3165, 97.2588**, and **21.7794, 22.7791, 25.8032** is the 20% darker color. If you saturate the color by 10%, you get **38.0633, 38.6471, 52.4679**, and if you desaturate by 10%, it is **54.7986, 58.8055, 55.4769**.

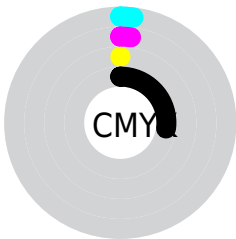
Distribution



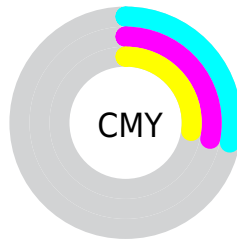
- Red (72%)
- Green (72%)
- Blue (73%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.8773, 48.0592, 53.8721 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 45.8773, 48.0592, 53.8721 by changing the saturation by 10% instead.

■ 45.8773, 48.0592,
53.8721

■ 45.8773, 48.0592,
53.8721

361.0393,
379.0267, 418.7829

■ 32.3532, 33.8738,
38.1069

■ 83.2643, 87.2925,
97.3409

■ 21.7883, 22.7966,
25.7632

107.8580,
113.1092, 125.8817

■ 13.8172, 14.4434,
16.4224

136.8722,
143.5718, 159.5180

■ 8.0745, 8.4297,
9.6660

170.6724,
179.0647, 198.6686

■ 4.1948, 4.3711,
5.0754

209.6238,
219.9722, 243.7518

■ 1.8129, 1.8833,
2.2320

254.0919,

■ 0.5254, 0.5383,

266.6788, 295.1862

0.6928

304.4419,
319.5688, 353.3904

■ 0.0000, 0.0000,
0.0000

■ 45.8773, 48.0592,
53.8721

■ 45.8773, 48.0592,
53.8721

■ 38.0633, 38.6471,
52.4679

■ 54.7986, 58.8055,
55.4769

■ 31.3095, 30.5112,
51.2535

■ 64.8638, 70.9288,
57.2864

■ 25.5715, 23.5985,
50.2217

■ 76.1127, 84.4774,
59.3087

■ 20.8002, 17.8499,
49.3636

■ 85.9698, 96.3679,
61.0842

■ 16.9425, 13.2015,
48.6696

■ 13.9399, 9.5829,
48.1294

■ 11.7275, 6.9161,
47.7313

■ 10.2310, 5.1114,
47.4618

■ 9.3620, 4.0626,
47.3052

Harmonies

Analogous

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



45.5836, 48.0592, 53.9527



45.8773, 48.0592, 53.8721



46.1188, 48.0592, 53.3754

Triad

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



45.8773, 48.0592, 53.8721



46.0430, 48.0592, 51.0823



45.1197, 48.0592, 52.0559

Complementary

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



45.8773, 48.0592, 53.8721



46.9156, 49.5656, 52.4425

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.



45.2417, 48.0592, 51.2949



45.8773, 48.0592, 53.8721



45.7742, 48.0592, 50.7369

Square

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



45.8773, 48.0592, 53.8721



46.2147, 48.0592, 51.7628



45.4809, 48.0592, 50.8143



45.1471, 48.0592, 52.8979

Rectangle

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



45.8773, 48.0592, 53.8721



46.2173, 48.0592, 52.8782



45.4809, 48.0592, 50.8143



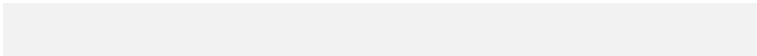
45.1446, 48.0592, 51.7823

Sweetspot

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



45.8787, 48.0613, 53.8731



84.5950, 89.0005, 96.9216



46.5025, 49.3175, 54.0547



18.6292, 19.5994, 21.3438



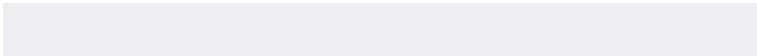
90.7827, 95.5105, 104.0109

Same Dimension

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



45.8787, 48.0613, 53.8731



81.5281, 85.3064, 96.3702



46.2272, 48.2399, 53.8893



10.3637, 10.8488, 12.2200



6.1820, 2.4758, 32.5449



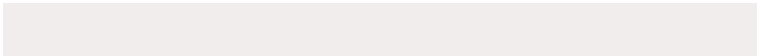
0.2424, 0.0975, 1.2749

Inverse Universe

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



46.2868, 48.3073, 52.2345



82.4515, 85.8631, 92.6629



46.5633, 49.3850, 52.4262



10.4716, 10.9139, 11.7868



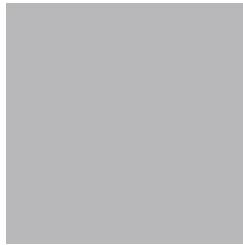
14.1212, 7.2796, 0.6657



0.5533, 0.2852, 0.0268

Previews

White Background



This preview shows how the XYZ color 45.8773, 48.0592, 53.8721 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 45.8773, 48.0592, 53.8721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

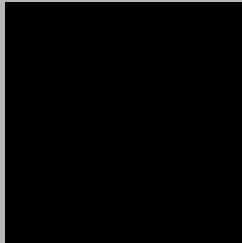
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.8773, 48.0592, 53.8721

Background



This preview shows how black text looks on a background with the XYZ color 45.8773, 48.0592, 53.8721.

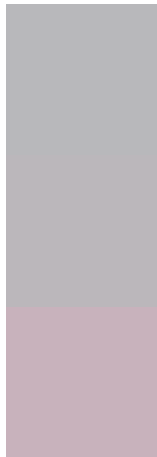


This preview shows how white text looks on a background with the XYZ color 45.8773, 48.0592,

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

45.8773, 48.0592, 53.8721

Protanopia

46.3966, 48.0196, 53.8371

Deuteranopia

48.8169, 47.7510, 54.2209



Tritanopia

47.0557, 47.9262, 59.5939

Trichromacy



Original Color

45.8773, 48.0592, 53.8721

Protanomaly

46.1528, 47.8939, 53.8256

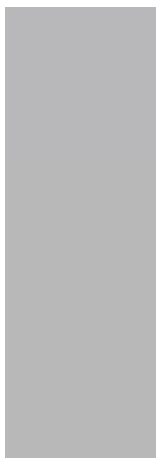
Deuteranomaly

47.6465, 47.7427, 54.2810

Tritanomaly

46.5667, 48.0315, 57.2688

Monochromacy



Original Color

45.8773, 48.0592, 53.8721

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.6646, 47.9741, 52.7521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8773, 48.0592, 53.8721 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, 184, 187) looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 187)  
}
```

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, 184, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.8773, 48.0592, 53.8721 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, 184, 187) }
```

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

```
.border{ border-color:rgb(184, 184, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 184, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 187);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
187) }
```


Background

The CSS property to change the background color of an element to XYZ 45.8773, 48.0592, 53.8721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 187) }
```

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

```
.background{ background-color: rgb(184,  
184, 187) }
```

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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