

Converting Colors

XYZ(45.5716, 45.8071, 52.8925)

Have a look what the booklet for
XYZ(45.5716, 45.8071, 52.8925)
contains.

XYZ(45.5713, 45.8083, 52.8944)	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(45.5713, 45.8083,
52.8944)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB1BA
RGB	189, 177, 186
RGB Percent	74%, 69%, 73%
CMY	0.2588, 0.3059, 0.2706
CMYK	0.00, 0.06, 0.02, 0.26
HSL	315°, 8%, 72%
HSV	315°, 6%, 74%
XYZ	45.5713, 45.8083, 52.8944
YIQ	181.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

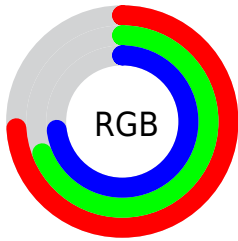
Format	Color
R_{YB}	189, 177, 186
Decimal	12431802
CIE Lab	73.42, 5.90, -3.05
CIE LCh	73, 6.645, 332.699
Yxy	45.8083, 0.3159, 0.3175
Android (android.graphics.Color)	4290621882 (0xFFBDB1BA)
YUV	181.6140, 2.1623, 6.4775
Hunter-Lab	67.6818, 1.7438, 1.0412

Details

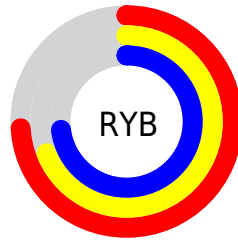
The XYZ color **45.5713, 45.8083, 52.8944** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5690, 49.0387, 50.2987**, and the grayscale version is **44.2417, 46.5457, 50.6883**.

A 20% lighter version of the original color is **82.8221, 84.1011, 95.8723**, and **21.5946, 21.3430, 25.1718** is the 20% darker color. If you saturate the color by 10%, you get **41.6000, 38.6559, 49.1330**, and if you desaturate by 10%, it is **50.0789, 54.0054, 56.9176**.

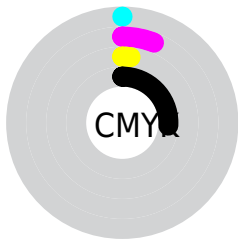
Distribution



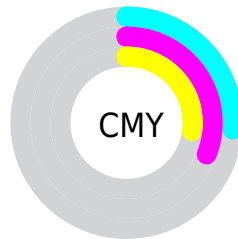
- Red (74%)
- Green (69%)
- Blue (73%)



- Red (74%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5713, 45.8083, 52.8944 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 45.5713, 45.8083, 52.8944 by changing the saturation by 10% instead.

■ 45.5713, 45.8083,
52.8944

■ 45.5713, 45.8083,
52.8944

359.8273,
370.0374, 414.9346

■ 32.1108, 32.0946,
37.3313

■ 82.8088, 83.9320,
95.8889

■ 21.6021, 21.4337,
25.1663

107.3166,
109.1108, 124.1575

■ 13.6798, 13.4414,
15.9809

136.2376,
138.8801, 157.4983

■ 7.9785, 7.7332,
9.3564

169.9371,
173.6242, 196.3298

■ 4.1329, 3.9247,
4.8744

208.7805,
213.7276, 241.0707

■ 1.7776, 1.6315,
2.1163

253.1330,

■ 0.5041, 0.3787,

259.5747, 292.1394

0.6255

303.3602,
311.5498, 349.9546

■ 0.0000, 0.0000,
0.0000

■ 45.5713, 45.8083,
52.8944

■ 45.5713, 45.8083,
52.8944

■ 41.6000, 38.6559,
49.1330

■ 50.0789, 54.0054,
56.9176

■ 38.1397, 32.4998,
45.6227

■ 55.1389, 63.2811,
61.2072

■ 35.1691, 27.2970,
42.3560

■ 60.7717, 73.6752,
65.7712

■ 32.6636, 22.9986,
39.3239

■ 66.9952, 85.2236,
70.6165

■ 30.5966, 19.5517,
36.5169

■ 68.3335, 86.9737,
73.9183

■ 28.9387, 16.8977,
33.9242

■ 68.9298, 87.2123,
77.0585

■ 27.6567, 14.9704,
31.5339

■ 69.5437, 87.4578,
80.2911

■ 26.7122, 13.6933,
29.3324

■ 70.1752, 87.7104,
83.6167

■ 26.0548, 12.9662,
27.3020

■ 70.8245, 87.9702,
87.0362

Harmonies

Analogous

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



44.7673, 45.8083, 55.5039



45.5713, 45.8083, 52.8944



45.8278, 45.8083, 49.5744

Triad

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



45.5713, 45.8083, 52.8944



43.4335, 45.8083, 43.7087



41.6717, 45.8083, 53.4433

Complementary

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



45.5713, 45.8083, 52.8944



44.5690, 49.0387, 50.2987

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.



41.3285, 45.8083, 50.1818



45.5713, 45.8083, 52.8944



42.3342, 45.8083, 44.6447

Square

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



45.5713, 45.8083, 52.8944



44.5805, 45.8083, 44.3632



41.5688, 45.8083, 46.9775



42.5147, 45.8083, 55.8307

Rectangle

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



45.5713, 45.8083, 52.8944



45.6501, 45.8083, 47.4299



41.5688, 45.8083, 46.9775



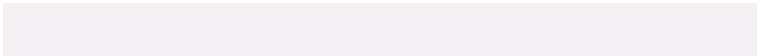
41.4948, 45.8083, 52.4078

Sweetspot

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



45.5726, 45.8103, 52.8954



84.9830, 88.1461, 97.7854



43.7317, 44.8240, 54.4916



18.2932, 18.9881, 21.0444



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.



45.5726, 45.8103, 52.8954



80.2839, 79.6293, 93.5011



44.9482, 45.5605, 49.6070



9.8252, 9.6544, 11.4687



17.4240, 8.6008, 18.0584



0.7072, 0.3468, 0.8376

Inverse Universe

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



45.5726, 45.8103, 52.8954



80.2839, 79.6293, 93.5011



45.1934, 49.2885, 53.5871



9.8252, 9.6544, 11.4687



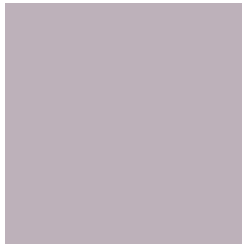
17.4240, 8.6008, 18.0584



0.7072, 0.3468, 0.8376

Previews

White Background



This preview shows how the XYZ color 45.5713, 45.8083, 52.8944 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 45.5713, 45.8083, 52.8944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

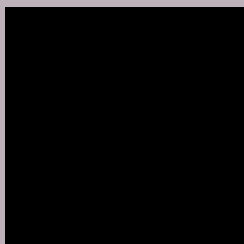
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5713, 45.8083, 52.8944

Background



This preview shows how black text looks on a background with the XYZ color 45.5713, 45.8083, 52.8944.



This preview shows how white text looks on a background with the XYZ color 45.5713, 45.8083,

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

45.5713, 45.8083, 52.8944

Protanopia

44.1458, 45.6518, 53.4987

Deuteranopia

46.6986, 45.8072, 52.8348



Tritanopia

46.0548, 45.7155, 55.1118

Trichromacy



Original Color

45.5713, 45.8083, 52.8944

Protanomaly

44.6572, 45.6190, 53.4654

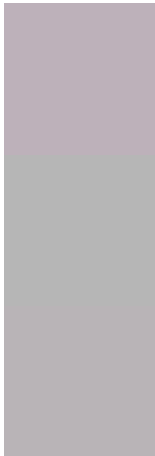
Deuteranomaly

46.3806, 45.9333, 52.8759

Tritanomaly

45.9458, 45.6719, 54.5381

Monochromacy



Original Color

45.5713, 45.8083, 52.8944

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.8761, 46.3757, 51.3859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5713, 45.8083, 52.8944 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(189, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(189, 177, 186)  
}
```

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(189, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 177, 186) }
```

Border

The CSS property to change the border of an element to XYZ 45.5713, 45.8083, 52.8944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

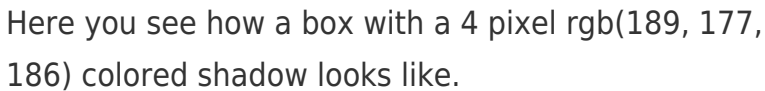
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 177, 186) }
```


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

```
.border{ border-color:rgb(189, 177, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(189, 177,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5713, 45.8083, 52.8944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 177, 186) }
```

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

```
.background{ background-color: rgb(189,  
177, 186) }
```

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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