

Converting Colors

XYZ(45.5463, 49.2517, 51.6684)

Have a look what the booklet for
XYZ(45.5463, 49.2517, 51.6684)
contains.

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Color

**XYZ(45.5865, 49.2091,
51.8954)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BCB7
RGB	181, 188, 183
RGB Percent	71%, 74%, 72%
CMY	0.2902, 0.2627, 0.2823
CMYK	0.04, 0.00, 0.03, 0.26
HSL	137°, 5%, 72%
HSV	137°, 4%, 74%
XYZ	45.5865, 49.2091, 51.8954
YIQ	185.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

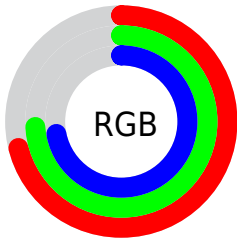
Format	Color
R _Y B	181, 186, 188
Decimal	11910327
CIE Lab	75.58, -3.36, 1.67
CIE LCh	76, 3.756, 153.554
Yxy	49.2091, 0.3108, 0.3355
Android (android.graphics.Color)	4290100407 (0xFFB5BCB7)
YUV	185.3370, -1.1521, -3.8035
Hunter-Lab	70.1492, -6.7628, 5.2425

Details

The XYZ color **45.5865, 49.2091, 51.8954** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1276, 47.2855, 53.1526**, and the grayscale version is **46.3101, 48.7218, 53.0581**.

A 20% lighter version of the original color is **82.8557, 88.9379, 94.4611**, and **21.5953, 23.5288, 24.5224** is the 20% darker color. If you saturate the color by 10%, you get **40.1404, 46.5568, 44.6883**, and if you desaturate by 10%, it is **51.7637, 52.2256, 59.8351**.

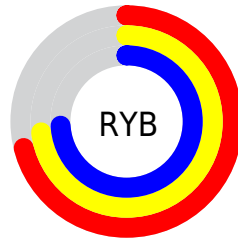
Distribution



Red (71%)

Green (74%)

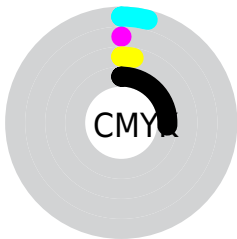
Blue (72%)



Red (71%)

Yellow (73%)

Blue (74%)

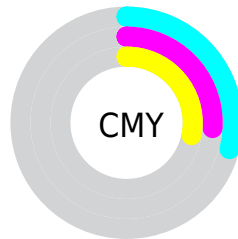


Cyan (4%)

Magenta (0%)

Yellow (3%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5865, 49.2091, 51.8954 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 45.5865, 49.2091, 51.8954 by changing the saturation by 10% instead.

■ 45.5865, 49.2091,
51.8954

■ 45.5865, 49.2091,
51.8954

359.8876,
383.5649, 410.9781

■ 32.1229, 34.7854,
36.5400

■ 82.8315, 89.0019,
94.4020

■ 21.6114, 23.4976,
24.5586

107.3436,
115.1398, 122.3903

■ 13.6866, 14.9614,
15.5325

136.2692,
145.9513, 155.4266

■ 7.9833, 8.7923,
9.0432

169.9737,
181.8206, 193.9296

■ 4.1360, 4.6059,
4.6722

208.8224,
223.1322, 238.3176

■ 1.7793, 2.0180,
2.0009

253.1807,

■ 0.5052, 0.6179,

270.2706, 289.0094

0.5558

303.4140,
323.6200, 346.4234

■ 0.0000, 0.0000,
0.0000

■ 45.5865, 49.2091,
51.8954

■ 45.5865, 49.2091,
51.8954

■ 40.1404, 46.5568,
44.6883

■ 51.7637, 52.2256,
59.8351

■ 35.3939, 44.2488,
38.1900

■ 58.6938, 55.6131,
68.5242

■ 31.3192, 42.2726,
32.3799

■ 66.4027, 59.3858,
77.9826

■ 27.8852, 40.6126,
27.2353

■ 74.4700, 63.3267,
88.2081

■ 25.0581, 39.2520,
22.7322

■ 76.5039, 64.1402,
98.9182

■ 22.8009, 38.1721,
18.8452

■ 77.2742, 64.4484,
102.9747

■ 21.0727, 37.3523,
15.5472

■ 19.8263, 36.7691,
12.8089

■ 19.0059, 36.3942,
10.5984

Harmonies

Analogous

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



46.0377, 49.2091, 50.4565



45.5865, 49.2091, 51.8954



45.4518, 49.2091, 53.8177

Triad

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



45.5865, 49.2091, 51.8954



46.8546, 49.2091, 57.4881



47.8933, 49.2091, 51.4945

Complementary

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



45.5865, 49.2091, 51.8954



46.1276, 47.2855, 53.1526

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.



48.1170, 49.2091, 53.3437



45.5865, 49.2091, 51.8954



47.5136, 49.2091, 56.8305

Square

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



45.5865, 49.2091, 51.8954



46.1797, 49.2091, 57.0774



47.9774, 49.2091, 55.3014



47.3689, 49.2091, 50.2291

Rectangle

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



45.5865, 49.2091, 51.8954



45.5585, 49.2091, 55.1229



47.9774, 49.2091, 55.3014



48.0064, 49.2091, 52.0668

Sweetspot

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



45.5879, 49.2112, 51.8965



85.5162, 90.5976, 97.8145



46.5794, 49.7462, 50.8637



18.4021, 19.4886, 21.0504



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.



45.5879, 49.2112, 51.8965



82.2595, 89.0090, 93.5835



45.9553, 49.3582, 53.8313



10.1021, 10.9781, 11.4795



12.7206, 24.6785, 6.5914



0.5275, 0.9784, 0.4120

Inverse Universe

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



46.1276, 47.2855, 53.1526



83.3246, 85.2088, 96.0622



45.7614, 47.1390, 51.2243



10.2532, 10.4391, 11.8311



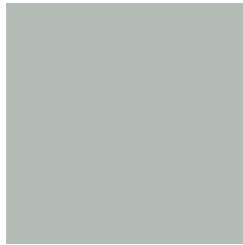
17.0977, 8.4702, 16.3401



0.6966, 0.3425, 0.7814

Previews

White Background



This preview shows how the XYZ color 45.5865, 49.2091, 51.8954 looks on a white background.

Color Contrast Check

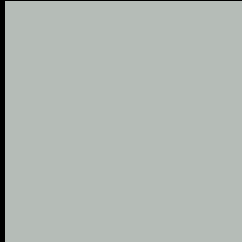
Large Text (above 18pt) WCAG AA × Fail

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 45.5865, 49.2091, 51.8954 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

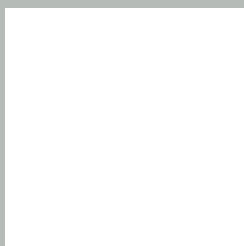
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5865, 49.2091, 51.8954

Background



This preview shows how black text looks on a background with the XYZ color 45.5865, 49.2091, 51.8954.



This preview shows how white text looks on a background with the XYZ color 45.5865, 49.2091,

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

45.5865, 49.2091, 51.8954

Protanopia

46.9247, 48.9813, 50.6972

Deuteranopia

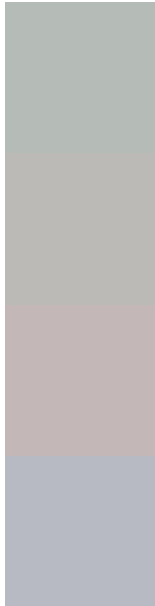
49.9801, 48.9827, 52.7193



Tritanopia

47.5415, 49.0584, 61.6071

Trichromacy



Original Color

45.5865, 49.2091, 51.8954

Protanomaly

46.4959, 49.0600, 51.2749

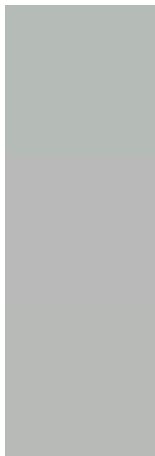
Deuteranomaly

48.3502, 49.0634, 52.2693

Tritanomaly

46.8249, 49.0801, 58.0444

Monochromacy



Original Color

45.5865, 49.2091, 51.8954

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.9778, 48.7688, 52.3374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5865, 49.2091, 51.8954 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(181, 188, 183)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 183)  
}
```

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(181, 188, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 183) }
```

Border

The CSS property to change the border of an element to XYZ 45.5865, 49.2091, 51.8954 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(181, 188, 183) }
```


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

```
.border{ border-color:rgb(181, 188, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 188, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 183);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5865, 49.2091, 51.8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 183) }
```

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

```
.background{ background-color: rgb(181,  
188, 183) }
```

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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