

Converting Colors

XYZ(45.2411, 49.4827, 51.1015)

Have a look what the booklet for
XYZ(45.2411, 49.4827, 51.1015)
contains.

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Color

**XYZ(45.1285, 49.3151,
50.8563)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BDB5
RGB	179, 189, 181
RGB Percent	70%, 74%, 71%
CMY	0.2980, 0.2588, 0.2902
CMYK	0.05, 0.00, 0.04, 0.26
HSL	132°, 7%, 72%
HSV	132°, 5%, 74%
XYZ	45.1285, 49.3151, 50.8563
YIQ	185.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

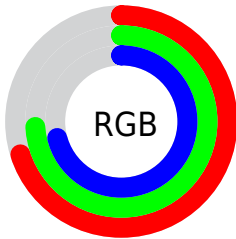
Format	Color
RYB	179, 187, 189
Decimal	11779509
CIELab	75.65, -4.96, 2.84
CIELCh	76, 5.715, 150.249
Yxy	49.3151, 0.3106, 0.3394
Android (android.graphics.Color)	4289969589 (0xFFB3BDB5)
YUV	185.0980, -2.0203, -5.3479
Hunter-Lab	70.2247, -8.1838, 6.2198

Details

The XYZ color **45.1285, 49.3151, 50.8563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0778, 46.6481, 53.5916**, and the grayscale version is **46.1820, 48.5871, 52.9113**.

A 20% lighter version of the original color is **82.1994, 89.0814, 92.9828**, and **21.3046, 23.6025, 23.8549** is the 20% darker color. If you saturate the color by 10%, you get **39.5879, 46.6299, 42.9327**, and if you desaturate by 10%, it is **51.4391, 52.3806, 59.6972**.

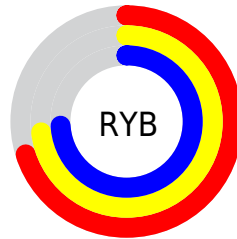
Distribution



Red (70%)

Green (74%)

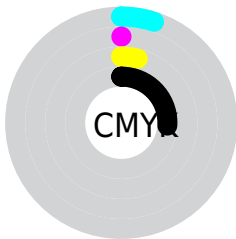
Blue (71%)



Red (70%)

Yellow (73%)

Blue (74%)

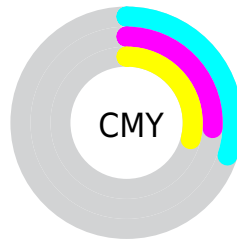


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (26%)



Cyan (30%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1285, 49.3151, 50.8563 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 45.1285, 49.3151, 50.8563 by changing the saturation by 10% instead.

■ 45.1285, 49.3151,
50.8563

■ 45.1285, 49.3151,
50.8563

358.0687,
383.9815, 406.8358

■ 31.7604, 34.8695,
35.7183

■ 82.1491, 89.1593,
92.8517

■ 21.3332, 23.5624,
23.9288

106.5322,
115.3266, 120.5461

■ 13.4816, 15.0093,
15.0691

135.3178,
146.1700, 153.2631

■ 7.8403, 8.8259,
8.7207

168.8711,
182.0739, 191.4213

■ 4.0439, 4.6278,
4.4652

207.5574,
223.4225, 235.4391

■ 1.7270, 2.0306,
1.8838

251.7423,

■ 0.4731, 0.6252,

270.6004, 285.7351

0.4824

301.7909,
323.9919, 342.7278

■ 0.0000, 0.0000,
0.0000

■ 45.1285, 49.3151,
50.8563

■ 45.1285, 49.3151,
50.8563

■ 39.5879, 46.6299,
42.9327

■ 51.4391, 52.3806,
59.6972

■ 34.7835, 44.3039,
35.8937

■ 58.5435, 55.8339,
69.4800

■ 30.6853, 42.3239,
29.7097

■ 66.4696, 59.6902,
80.2327

■ 27.2596, 40.6730,
24.3479

■ 75.2427, 63.9619,
91.9810

■ 24.4697, 39.3331,
19.7736

■ 77.4885, 64.8771,
103.0462

■ 22.2755, 38.2843,
15.9495

■ 20.6322, 37.5044,
12.8356

■ 19.4883, 36.9677,
10.3875

■ 18.7818, 36.6433,
8.5564

Harmonies

Analogous

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



45.8552, 49.3151, 48.8186



45.1285, 49.3151, 50.8563



44.8676, 49.3151, 53.7211

Triad

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



45.1285, 49.3151, 50.8563



46.8814, 49.3151, 59.7349



48.6519, 49.3151, 50.8141

Complementary

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



45.1285, 49.3151, 50.8563



46.0778, 46.6481, 53.5916

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.



48.9363, 49.3151, 53.6705



45.1285, 49.3151, 50.8563



47.9048, 49.3151, 58.8873

Square

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



45.1285, 49.3151, 50.8563



45.8703, 49.3151, 58.9143



48.6609, 49.3151, 56.6390



47.8893, 49.3151, 48.7949

Rectangle

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



45.1285, 49.3151, 50.8563



44.9898, 49.3151, 55.7374



48.6609, 49.3151, 56.6390



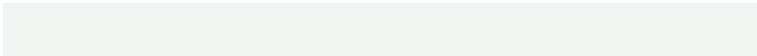
48.8071, 49.3151, 51.7046

Sweetspot

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



45.1299, 49.3172, 50.8574



84.3542, 90.0362, 96.0602



46.8706, 50.2381, 49.8751



18.1649, 19.3740, 20.6923



90.7827, 95.5105, 104.0109



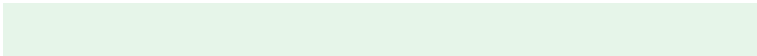
18.6292, 19.5994, 21.3438

Same Dimension

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



45.1299, 49.3172, 50.8574



79.9760, 87.9114, 89.8808



45.6348, 49.5192, 53.5164



9.8403, 10.8525, 11.0418



12.4994, 24.5900, 5.4266



0.5131, 0.9726, 0.3364

Inverse Universe

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



46.0778, 46.6481, 53.5916



81.9209, 82.4351, 95.4906



45.5687, 46.4445, 50.9105



10.0980, 10.1268, 11.7852



17.9177, 8.7982, 20.6581



0.7230, 0.3531, 0.9207

Previews

White Background



This preview shows how the XYZ color 45.1285, 49.3151, 50.8563 looks on a white background.

Color Contrast Check

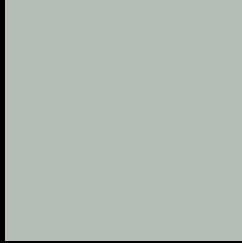
Large Text (above 18pt) WCAG AA × Fail

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 45.1285, 49.3151, 50.8563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

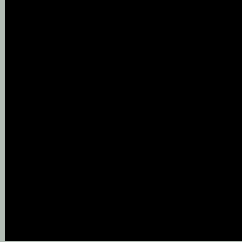
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

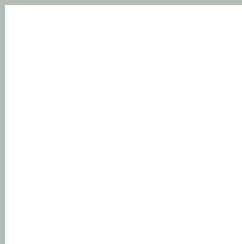
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.1285, 49.3151, 50.8563

Background



This preview shows how black text looks on a background with the XYZ color 45.1285, 49.3151, 50.8563.



This preview shows how white text looks on a background with the XYZ color 45.1285, 49.3151,

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

45.1285, 49.3151, 50.8563

Protanopia

46.9715, 49.0290, 49.6357

Deuteranopia

50.0453, 49.0405, 51.6278



Tritanopia

47.3929, 49.2799, 62.2724

Trichromacy



Original Color

45.1285, 49.3151, 50.8563

Protanomaly

46.2906, 48.9779, 50.1939

Deuteranomaly

48.1419, 48.9801, 51.1727

Tritanomaly

46.5640, 49.2594, 58.0928

Monochromacy



Original Color

45.1285, 49.3151, 50.8563

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.7391, 48.6458, 52.3263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1285, 49.3151, 50.8563 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(179, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 181)  
}
```

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(179, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 181) }
```

Border

The CSS property to change the border of an element to XYZ 45.1285, 49.3151, 50.8563 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(179, 189, 181) }
```


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

```
.border{ border-color:rgb(179, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 181);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1285, 49.3151, 50.8563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 181) }
```

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

```
.background{ background-color: rgb(179,  
189, 181) }
```

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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