

Converting Colors

XYZ(46.5425, 49.7413, 53.4249)

Have a look what the booklet for
XYZ(46.5425, 49.7413, 53.4249)
contains.

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Color

**XYZ(46.6133, 49.7020,
53.5910)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BCBA
RGB	184, 188, 186
RGB Percent	72%, 74%, 73%
CMY	0.2784, 0.2627, 0.2706
CMYK	0.02, 0.00, 0.01, 0.26
HSL	150°, 3%, 73%
HSV	150°, 2%, 74%
XYZ	46.6133, 49.7020, 53.5910
YIQ	186.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

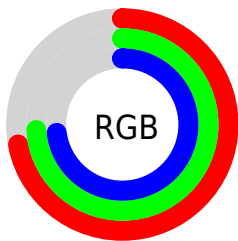
Format	Color
RYB	184, 187, 188
Decimal	12106938
CIELab	75.89, -1.76, 0.51
CIELCh	76, 1.834, 163.690
Yxy	49.7020, 0.3109, 0.3316
Android (android.graphics.Color)	4290297018 (0xFFB8BCBA)
YUV	186.5760, -0.2840, -2.2592
Hunter-Lab	70.4996, -5.3529, 4.2799

Details

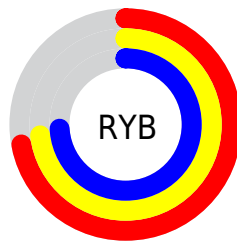
The XYZ color **46.6133, 49.7020, 53.5910** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7443, 48.5188, 53.3582**, and the grayscale version is **46.9988, 49.4464, 53.8471**.

A 20% lighter version of the original color is **84.3129, 89.6374, 96.8624**, and **22.2577, 23.8467, 25.6201** is the 20% darker color. If you saturate the color by 10%, you get **41.4384, 47.1474, 48.2992**, and if you desaturate by 10%, it is **52.4555, 52.5957, 59.2599**.

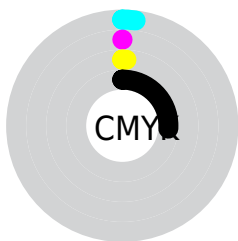
Distribution



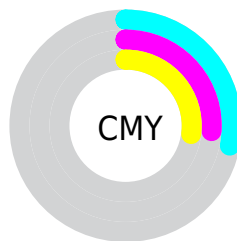
- Red (72%)
- Green (74%)
- Blue (73%)



- Red (72%)
- Yellow (73%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (28%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6133, 49.7020, 53.5910 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 46.6133, 49.7020, 53.5910 by changing the saturation by 10% instead.

■ 46.6133, 49.7020,
53.5910

■ 46.6133, 49.7020,
53.5910

363.9436,
385.4994, 417.6789

■ 32.9367, 35.1767,
37.8838

■ 84.3584, 89.7332,
96.9238

■ 22.2370, 23.7990,
25.5914

109.1576,
116.0078, 125.3865

■ 14.1487, 15.1846,
16.2952

138.3950,
146.9677, 158.9381

■ 8.3066, 8.9490,
9.5767

172.4361,
182.9972, 197.9972

■ 4.3452, 4.7080,
5.0173

211.6461,
224.4808, 242.9823

■ 1.8992, 2.0769,
2.1985

256.3905,

■ 0.5764, 0.6516,

271.8027, 294.3119

0.6735

307.0345,
325.3475, 352.4046

■ 0.0000, 0.0000,
0.0000

■ 46.6133, 49.7020,
53.5910

■ 46.6133, 49.7020,
53.5910

■ 41.4384, 47.1474,
48.2992

■ 52.4555, 52.5957,
59.2599

■ 36.9018, 44.9131,
43.3735

■ 58.9840, 55.8342,
65.3100

■ 32.9787, 42.9876,
38.8070

■ 66.2225, 59.4307,
71.7497

■ 29.6409, 41.3568,
34.5913

■ 72.6289, 62.5903,
78.5129

■ 26.8580, 40.0050,
30.7180

■ 73.9379, 63.1139,
85.4060

■ 24.5968, 38.9153,
27.1778

■ 75.3186, 63.6662,
92.6764

■ 22.8201, 38.0687,
23.9614

■ 76.7720, 64.2475,
100.3301

■ 21.4856, 37.4437,
21.0588

■ 77.2742, 64.4484,
102.9747

■ 20.5432, 37.0144,
18.4591

Harmonies

Analogous

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



46.7885, 49.7020, 52.7695



46.6133, 49.7020, 53.5910



46.6056, 49.7020, 54.5630

Triad

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



46.6133, 49.7020, 53.5910



47.3957, 49.7020, 55.9634



47.7163, 49.7020, 52.8293

Complementary

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



46.6133, 49.7020, 53.5910



46.7443, 48.5188, 53.3582

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.



47.8807, 49.7020, 53.6735



46.6133, 49.7020, 53.5910



47.6950, 49.7020, 55.4873

Square

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



46.6133, 49.7020, 53.5910



47.0562, 49.7020, 55.9407



47.8728, 49.7020, 54.6465



47.4248, 49.7020, 52.3334

Rectangle

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



46.6133, 49.7020, 53.5910



46.6964, 49.7020, 55.1661



47.8728, 49.7020, 54.6465



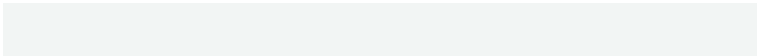
47.7883, 49.7020, 53.0813

Sweetspot

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



46.6147, 49.7041, 53.5921



85.5955, 90.6293, 98.2319



46.9027, 49.8770, 52.5032



18.4183, 19.4951, 21.1356



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.



46.6147, 49.7041, 53.5921



83.5653, 89.6253, 96.2121



46.8220, 49.7871, 54.6839



10.2586, 11.0513, 11.8237



13.6547, 25.0522, 11.5105



0.5679, 0.9945, 0.6248

Inverse Universe

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



46.7443, 48.5188, 53.3582



83.8996, 86.5680, 95.6090



46.5397, 48.4369, 52.2811



10.3092, 10.5890, 11.7325



15.5356, 7.8454, 8.1142



0.6416, 0.3205, 0.4917

Previews

White Background



This preview shows how the XYZ color 46.6133, 49.7020, 53.5910 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 46.6133, 49.7020, 53.5910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

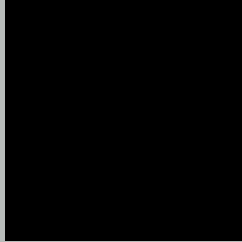
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

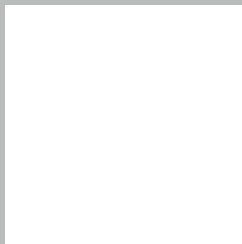
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.6133, 49.7020, 53.5910

Background



This preview shows how black text looks on a background with the XYZ color 46.6133, 49.7020, 53.5910.



This preview shows how white text looks on a background with the XYZ color 46.6133, 49.7020,

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

46.6133, 49.7020, 53.5910

Protanopia

47.8017, 49.6970, 52.9720

Deuteranopia

50.6704, 49.6147, 53.9197



Tritanopia

48.2339, 49.7270, 61.6997

Trichromacy



Original Color

46.6133, 49.7020, 53.5910

Protanomaly

47.2663, 49.7348, 53.0075

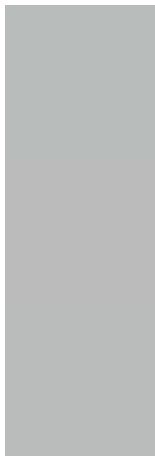
Deuteranomaly

49.1361, 49.7392, 54.0246

Tritanomaly

47.6282, 49.7951, 58.7309

Monochromacy



Original Color

46.6133, 49.7020, 53.5910

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.9897, 49.5676, 54.1046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6133, 49.7020, 53.5910 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, 188, 186)` looks like.

```
.text, #text, p{  
    color:rgb(184, 188, 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(184, 188, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 186) }
```

Border

The CSS property to change the border of an element to XYZ 46.6133, 49.7020, 53.5910 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, 188, 186) }
```


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

```
.border{ border-color:rgb(184, 188, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 188, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 186);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6133, 49.7020, 53.5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 188, 186) }
```

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

```
.background{ background-color: rgb(184,  
188, 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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