

Converting Colors

XYZ(47.9948, 51.5632, 56.3234)

Have a look what the booklet for
XYZ(47.9948, 51.5632, 56.3234)
contains.

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Color

**XYZ(47.9111, 51.6073,
56.1512)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C0BE
RGB	184, 192, 190
RGB Percent	72%, 75%, 75%
CMY	0.2784, 0.2470, 0.2549
CMYK	0.04, 0.00, 0.01, 0.25
HSL	165°, 6%, 74%
HSV	165°, 4%, 75%
XYZ	47.9111, 51.6073, 56.1512
YIQ	189.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

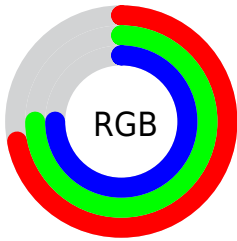
Format	Color
RYB	184, 189, 192
Decimal	12107966
CIELab	77.05, -3.13, 0.04
CIELCh	77, 3.132, 179.297
Yxy	51.6073, 0.3078, 0.3315
Android (android.graphics.Color)	4290298046 (0xFFB8C0BE)
YUV	189.3800, 0.3057, -4.7183
Hunter-Lab	71.8382, -6.6698, 3.9437

Details

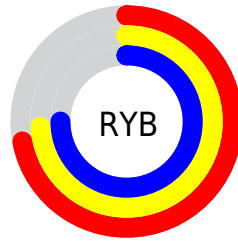
The XYZ color **47.9111, 51.6073, 56.1512** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7436, 49.0341, 53.4051**, and the grayscale version is **48.5886, 51.1190, 55.6685**.

A 20% lighter version of the original color is **86.1371, 92.3139, 100.4672**, and **23.1080, 25.0967, 27.2931** is the 20% darker color. If you saturate the color by 10%, you get **43.1040, 49.1903, 53.2301**, and if you desaturate by 10%, it is **53.3628, 54.3575, 59.1950**.

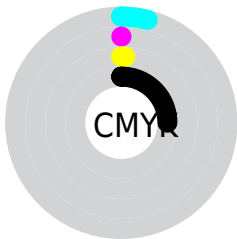
Distribution



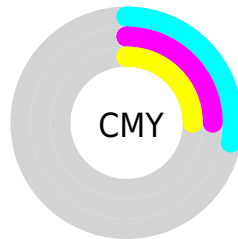
- Red (72%)
- Green (75%)
- Blue (75%)



- Red (72%)
- Yellow (74%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9111, 51.6073, 56.1512 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 47.9111, 51.6073, 56.1512 by changing the saturation by 10% instead.

■ 47.9111, 51.6073,
56.1512

■ 47.9111, 51.6073,
56.1512

369.0281,
392.9187, 427.6654

■ 33.9674, 36.6922,
39.9194

■ 86.2825, 92.5518,
100.7136

■ 23.0314, 24.9692,
27.1624

111.4410,
119.3500, 129.8813

■ 14.7375, 16.0541,
17.4617

141.0685,
150.8780, 164.1979

■ 8.7205, 9.5625,
10.3988

175.5303,
187.5202, 204.0821

■ 4.6150, 5.1098,
5.5551

215.1918,
229.6609, 249.9525

■ 2.0556, 2.3119,
2.5121

260.4184,

■ 0.6649, 0.7800,

277.6847, 302.2274

0.8466

311.5754,
331.9758, 361.3255

■ 0.0000, 0.0000,
0.0000

■ 47.9111, 51.6073,
56.1512

■ 47.9111, 51.6073,
56.1512

■ 43.1040, 49.1903,
53.2301

■ 53.3628, 54.3575,
59.1950

■ 38.9118, 47.0869,
50.4264

■ 59.4784, 57.4465,
62.3600

■ 35.3093, 45.2855,
47.7389

■ 66.2818, 60.8880,
65.6494

■ 32.2676, 43.7712,
45.1655

■ 71.6270, 63.5757,
68.9634

■ 29.7555, 42.5280,
42.7037

■ 72.2320, 63.8178,
72.1494

■ 27.7384, 41.5382,
40.3512

■ 72.8551, 64.0670,
75.4307

■ 26.1777, 40.7817,
38.1051

■ 73.4965, 64.3236,
78.8083

■ 25.0289, 40.2357,
35.9624

■ 74.1563, 64.5875,
82.2828

■ 24.2381, 39.8724,
33.9196

■ 74.8347, 64.8588,
85.8551

Harmonies

Analogous

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



48.0698, 51.6073, 54.5279



47.9111, 51.6073, 56.1512



48.0559, 51.6073, 57.8174

Triad

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



47.9111, 51.6073, 56.1512



49.6156, 51.6073, 59.1108



49.6403, 51.6073, 53.4091

Complementary

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



47.9111, 51.6073, 56.1512



47.7436, 49.0341, 53.4051

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.



50.0602, 51.6073, 54.5965



47.9111, 51.6073, 56.1512



50.0459, 51.6073, 57.8887

Square

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



47.9111, 51.6073, 56.1512



49.0371, 51.6073, 59.5470



50.2092, 51.6073, 56.2320



49.0653, 51.6073, 52.9646

Rectangle

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



47.9111, 51.6073, 56.1512



48.3056, 51.6073, 58.7236



50.2092, 51.6073, 56.2320



49.8044, 51.6073, 53.7334

Sweetspot

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



47.9126, 51.6095, 56.1523



89.7956, 95.0129, 103.4538



47.7852, 51.6181, 52.7930



19.2748, 20.3888, 22.2003



92.9021, 97.7402, 106.4391



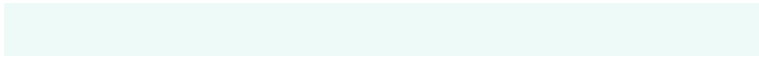
19.4759, 20.4902, 22.3138

Same Dimension

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



47.9126, 51.6095, 56.1523



85.9684, 93.0848, 101.2480



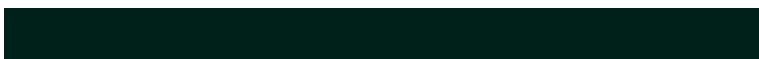
47.7256, 50.8828, 57.1777



10.6742, 11.5938, 12.6080



16.1008, 26.7344, 22.2215



0.7219, 1.1656, 1.0983

Inverse Universe

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



47.7436, 49.0341, 53.4051



85.5975, 87.4317, 95.2179



47.9225, 49.7304, 52.4215



10.6231, 10.8150, 11.7773



15.0141, 7.6954, 2.7202



0.6775, 0.3440, 0.2690

Previews

White Background



This preview shows how the XYZ color 47.9111, 51.6073, 56.1512 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 47.9111, 51.6073, 56.1512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

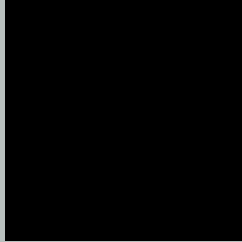
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

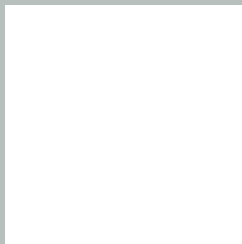
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9111, 51.6073, 56.1512

Background



This preview shows how black text looks on a background with the XYZ color 47.9111, 51.6073, 56.1512.



This preview shows how white text looks on a background with the XYZ color 47.9111, 51.6073,

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

47.9111, 51.6073, 56.1512

Protanopia

49.5228, 51.4954, 54.9064

Deuteranopia

52.6673, 51.4966, 57.0332



Tritanopia

49.6826, 51.6738, 65.1131

Trichromacy



Original Color

47.9111, 51.6073, 56.1512

Protanomaly

48.8340, 51.4482, 55.5008

Deuteranomaly

50.7275, 51.4443, 56.5463

Tritanomaly

49.0637, 51.7460, 62.0456

Monochromacy



Original Color

47.9111, 51.6073, 56.1512

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.0923, 51.0658, 55.4661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9111, 51.6073, 56.1512 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, 192, 190)` looks like.

```
.text, #text, p{  
    color:rgb(184, 192, 190)  
}
```

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, 192, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 192, 190) }
```

Border

The CSS property to change the border of an element to XYZ 47.9111, 51.6073, 56.1512 is called "border". The border property can be set on classes, ids or directly on the HTML element.

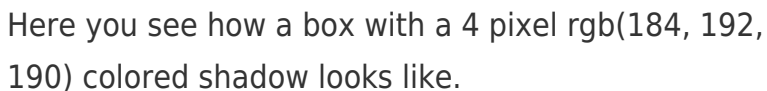
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 192, 190) }
```


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

```
.border{ border-color:rgb(184, 192, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 192, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(184, 192,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9111, 51.6073, 56.1512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 192, 190) }
```

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

```
.background{ background-color: rgb(184,  
192, 190) }
```

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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