

Converting Colors

XYZ(48.4668, 52.4152, 56.4266)

Have a look what the booklet for
XYZ(48.4668, 52.4152, 56.4266)
contains.

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Color

**XYZ(48.5936, 52.6156,
56.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C2BE
RGB	185, 194, 190
RGB Percent	73%, 76%, 75%
CMY	0.2745, 0.2392, 0.2549
CMYK	0.05, 0.00, 0.02, 0.24
HSL	153°, 7%, 74%
HSV	153°, 5%, 76%
XYZ	48.5936, 52.6156, 56.3099
YIQ	190.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

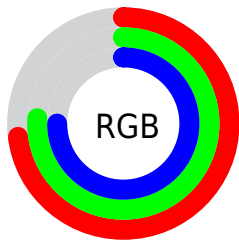
Format	Color
RYB	185, 191, 194
Decimal	12174014
CIELab	77.65, -3.85, 0.93
CIELCh	78, 3.956, 166.470
Yxy	52.6156, 0.3085, 0.3340
Android (android.graphics.Color)	4290364094 (0xFFB9C2BE)
YUV	190.8530, -0.4205, -5.1331
Hunter-Lab	72.5366, -7.3587, 4.7490

Details

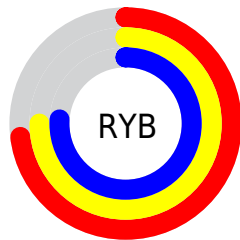
The XYZ color **48.5936, 52.6156, 56.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7843, 49.8426, 55.1959**, and the grayscale version is **49.4414, 52.0162, 56.6456**.

A 20% lighter version of the original color is **87.0958, 93.7258, 100.6892**, and **23.4092, 25.4678, 27.3489** is the 20% darker color. If you saturate the color by 10%, you get **43.3142, 50.0012, 51.2867**, and if you desaturate by 10%, it is **54.5704, 55.5861, 61.6593**.

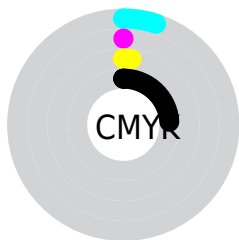
Distribution



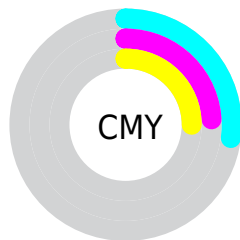
- Red (73%)
- Green (76%)
- Blue (75%)



- Red (73%)
- Yellow (75%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5936, 52.6156, 56.3099 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 48.5936, 52.6156, 56.3099 by changing the saturation by 10% instead.

■ 48.5936, 52.6156,
56.3099

■ 48.5936, 52.6156,
56.3099

371.6838,
396.8086, 428.2794

■ 34.5104, 37.4960,
40.0458

■ 87.2919, 94.0385,
100.9479

■ 23.4507, 25.5917,
27.2602

112.6378,
121.1106, 130.1588

■ 15.0492, 16.5185,
17.5346

142.4685,
152.9356, 164.5224

■ 8.9405, 9.8918,
10.4504

177.1496,
189.8979, 204.4572

■ 4.7592, 5.3273,
5.5891

217.0463,
232.3820, 250.3817

■ 2.1400, 2.4405,
2.5322

262.5240,

■ 0.7108, 0.8466,

280.7722, 302.7146

0.8571

313.9480,
335.4529, 361.8743

■ 0.0000, 0.0000,
0.0000

■ 48.5936, 52.6156,
56.3099

■ 48.5936, 52.6156,
56.3099

■ 43.3142, 50.0012,
51.2867

■ 54.5704, 55.5861,
61.6593

■ 38.7011, 47.7225,
46.5799

■ 61.2654, 58.9187,
67.3374

■ 34.7274, 45.7671,
42.1842

■ 68.7039, 62.6280,
73.3512

■ 31.3626, 44.1196,
38.0929

■ 74.0560, 65.2549,
79.5730

■ 28.5736, 42.7629,
34.2992

■ 75.2595, 65.7363,
85.9107

■ 26.3239, 41.6783,
30.7955

■ 76.5233, 66.2419,
92.5658

■ 24.5728, 40.8451,
27.5744

■ 77.8483, 66.7718,
99.5427

■ 23.2732, 40.2390,
24.6276

■ 78.5828, 67.0657,
103.4109

■ 22.3682, 39.8308,
21.9462

Harmonies

Analogous

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



48.9511, 52.6156, 54.4379



48.5936, 52.6156, 56.3099



48.6128, 52.6156, 58.4916

Triad

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



48.5936, 52.6156, 56.3099



50.4276, 52.6156, 61.4232



51.0291, 52.6156, 54.2904

Complementary

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



48.5936, 52.6156, 56.3099



48.7843, 49.8426, 55.1959

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.



51.4328, 52.6156, 56.1039



48.5936, 52.6156, 56.3099



51.0832, 52.6156, 60.2389

Square

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



48.5936, 52.6156, 56.3099



49.6663, 52.6156, 61.4818



51.4527, 52.6156, 58.2803



50.3543, 52.6156, 53.2921

Rectangle

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



48.5936, 52.6156, 56.3099



48.8364, 52.6156, 59.8290



51.4527, 52.6156, 58.2803



51.2013, 52.6156, 54.8227

Sweetspot

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



48.5951, 52.6178, 56.3111



91.8138, 97.1997, 105.4601



49.0492, 52.9140, 53.5278



20.1179, 21.2915, 23.1052



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



48.5951, 52.6178, 56.3111



86.5691, 94.5969, 100.6562



48.9387, 52.5952, 58.6142



10.5085, 11.5165, 12.2315



14.4963, 26.0926, 13.7723



0.6606, 1.1411, 0.7755

Inverse Universe

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



48.7843, 49.8426, 55.1959



87.0149, 88.0575, 98.0286



48.4499, 49.8598, 52.9698



10.5668, 10.6607, 11.8876



15.7786, 8.0012, 6.7464



0.7164, 0.3596, 0.4739

Previews

White Background



This preview shows how the XYZ color 48.5936, 52.6156, 56.3099 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 48.5936, 52.6156, 56.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

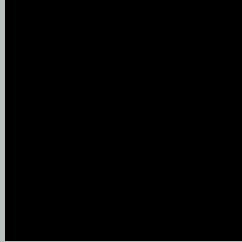
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5936, 52.6156, 56.3099

Background



This preview shows how black text looks on a background with the XYZ color 48.5936, 52.6156, 56.3099.



This preview shows how white text looks on a background with the XYZ color 48.5936, 52.6156,

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

48.5936, 52.6156, 56.3099

Protanopia

50.4729, 52.6282, 55.0750

Deuteranopia

53.6517, 52.6252, 57.1991



Tritanopia

50.6323, 52.4580, 66.4883

Trichromacy



Original Color

48.5936, 52.6156, 56.3099

Protanomaly

49.7732, 52.5799, 55.6697

Deuteranomaly

51.6890, 52.5743, 56.7138

Tritanomaly

49.8858, 52.4811, 62.7589

Monochromacy



Original Color

48.5936, 52.6156, 56.3099

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.2399, 52.2797, 56.7860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5936, 52.6156, 56.3099 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(185, 194, 190) looks like.

```
.text, #text, p{  
    color:rgb(185, 194, 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(185, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 194, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.5936, 52.6156, 56.3099 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(185, 194, 190) }
```


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

```
.border{ border-color:rgb(185, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 194, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 194, 190); box-shadow:4px 4px 4px 4px rgb(185, 194, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5936, 52.6156, 56.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 194, 190) }
```

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

```
.background{ background-color: rgb(185,  
194, 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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