

Converting Colors

XYZ(49.2145, 53.2509, 57.2078)

Have a look what the booklet for
XYZ(49.2145, 53.2509, 57.2078)
contains.

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Color

**XYZ(49.1688, 53.2309,
56.9733)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC3BF
RGB	186, 195, 191
RGB Percent	73%, 76%, 75%
CMY	0.2706, 0.2353, 0.2510
CMYK	0.05, 0.00, 0.02, 0.24
HSL	153°, 7%, 75%
HSV	153°, 5%, 76%
XYZ	49.1688, 53.2309, 56.9733
YIQ	191.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

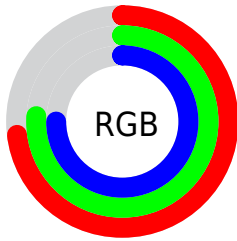
Format	Color
RYB	186, 192, 195
Decimal	12239807
CIELab	78.01, -3.84, 0.92
CIELCh	78, 3.952, 166.471
Yxy	53.2309, 0.3085, 0.3340
Android (android.graphics.Color)	4290429887 (0xFFBAC3BF)
YUV	191.8530, -0.4205, -5.1331
Hunter-Lab	72.9595, -7.3846, 4.7727

Details

The XYZ color **49.1688, 53.2309, 56.9733** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3608, 50.4391, 55.8520**, and the grayscale version is **50.0225, 52.6276, 57.3114**.

A 20% lighter version of the original color is **88.2169, 95.2135, 101.7242**, and **23.7852, 25.8713, 27.7848** is the 20% darker color. If you saturate the color by 10%, you get **43.8250, 50.5846, 51.8892**, and if you desaturate by 10%, it is **55.2187, 56.2377, 62.3875**.

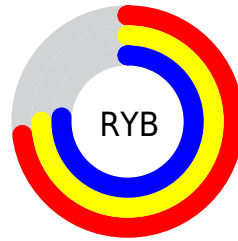
Distribution



Red (73%)

Green (76%)

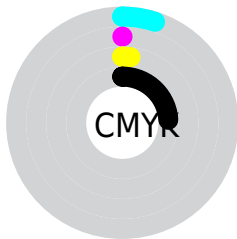
Blue (75%)



Red (73%)

Yellow (75%)

Blue (76%)

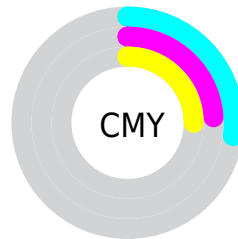


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (24%)



Cyan (27%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1688, 53.2309, 56.9733 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 49.1688, 53.2309, 56.9733 by changing the saturation by 10% instead.

■ 49.1688, 53.2309,
56.9733

■ 49.1688, 53.2309,
56.9733

373.9124,
399.1704, 430.8402

■ 34.9685, 37.9871,
40.5746

■ 88.1413, 94.9440,
101.9262

■ 23.8050, 25.9727,
27.6696

113.6442,
122.1822, 131.3174

■ 15.3130, 16.8032,
17.8399

143.6454,
154.1873, 165.8766

■ 9.1271, 10.0943,
10.6669

178.5102,
191.3437, 206.0222

■ 4.8819, 5.4615,
5.7320

218.6039,
234.0358, 252.1729

■ 2.2122, 2.5205,
2.6166

264.2920,

■ 0.7492, 0.8869,

282.6480, 304.7470

0.9010

315.9397,
337.5648, 364.1633

■ 0.0000, 0.0000,
0.0000

■ 49.1688, 53.2309,
56.9733

■ 49.1688, 53.2309,
56.9733

■ 43.8250, 50.5846,
51.8892

■ 55.2187, 56.2377,
62.3875

■ 39.1557, 48.2781,
47.1255

■ 61.9956, 59.6111,
68.1346

■ 35.1337, 46.2990,
42.6768

■ 69.5253, 63.3659,
74.2216

■ 31.7281, 44.6314,
38.5363

■ 74.4403, 65.7659,
80.4955

■ 28.9054, 43.2583,
34.6970

■ 75.6585, 66.2532,
86.9105

■ 26.6287, 42.1608,
31.1514

■ 76.9378, 66.7649,
93.6468

■ 24.8567, 41.3176,
27.8918

■ 78.2788, 67.3013,
100.7088

■ 23.5417, 40.7043,
24.9098

■ 78.8061, 67.5122,
103.4854

■ 22.6262, 40.2914,
22.1966

Harmonies

Analogous

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



49.5287, 53.2309, 55.0884



49.1688, 53.2309, 56.9733



49.1881, 53.2309, 59.1697

Triad

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



49.1688, 53.2309, 56.9733



51.0152, 53.2309, 62.1206



51.6207, 53.2309, 54.9398

Complementary

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



49.1688, 53.2309, 56.9733



49.3608, 50.4391, 55.8520

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.



52.0272, 53.2309, 56.7657



49.1688, 53.2309, 56.9733



51.6752, 53.2309, 60.9284

Square

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



49.1688, 53.2309, 56.9733



50.2489, 53.2309, 62.1796



52.0472, 53.2309, 58.9568



50.9415, 53.2309, 53.9346

Rectangle

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



49.1688, 53.2309, 56.9733



49.4133, 53.2309, 60.5160



52.0472, 53.2309, 58.9568



51.7941, 53.2309, 55.4758

Sweetspot

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



49.1703, 53.2332, 56.9745



91.8138, 97.1997, 105.4600



49.6276, 53.5314, 54.1722



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.



49.1703, 53.2332, 56.9745



86.5690, 94.5968, 100.6559



49.5163, 53.2104, 59.2933



10.5085, 11.5165, 12.2314



14.4961, 26.0925, 13.7714



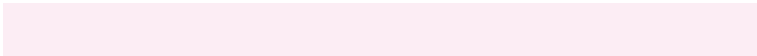
0.6606, 1.1411, 0.7754

Inverse Universe

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



49.3608, 50.4391, 55.8520



87.0150, 88.0575, 98.0289



49.0241, 50.4564, 53.6104



10.5668, 10.6607, 11.8876



15.7788, 8.0013, 6.7471



0.7164, 0.3596, 0.4739

Previews

White Background



This preview shows how the XYZ color 49.1688, 53.2309, 56.9733 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 49.1688, 53.2309, 56.9733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

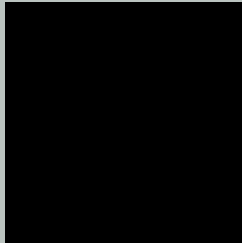
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

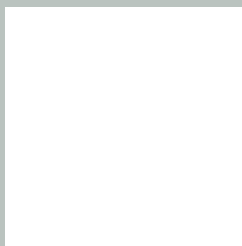
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.1688, 53.2309, 56.9733

Background



This preview shows how black text looks on a background with the XYZ color 49.1688, 53.2309, 56.9733.



This preview shows how white text looks on a background with the XYZ color 49.1688, 53.2309,

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

49.1688, 53.2309, 56.9733

Protanopia

51.0609, 53.2437, 55.7300

Deuteranopia

54.2599, 53.2398, 57.8686



Tritanopia

51.2211, 53.0722, 67.2188

Trichromacy



Original Color

49.1688, 53.2309, 56.9733

Protanomaly

50.3565, 53.1951, 56.3288

Deuteranomaly

52.2850, 53.1892, 57.3800

Tritanomaly

50.4697, 53.0956, 63.4655

Monochromacy



Original Color

49.1688, 53.2309, 56.9733

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.8196, 52.8928, 57.4527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1688, 53.2309, 56.9733 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(186, 195, 191) looks like.

```
.text, #text, p{  
    color:rgb(186, 195, 191)  
}
```

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(186, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 195, 191) }
```

Border

The CSS property to change the border of an element to XYZ 49.1688, 53.2309, 56.9733 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(186, 195, 191) }
```


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

```
.border{ border-color:rgb(186, 195, 191) }
```

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

Here you see how a box with a 4 pixel rgb(186, 195, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 195,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1688, 53.2309, 56.9733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 195, 191) }
```

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

```
.background{ background-color: rgb(186,  
195, 191) }
```

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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