

Converting Colors

XYZ(49.1905, 51.3062, 55.7904)

Have a look what the booklet for
XYZ(49.1905, 51.3062, 55.7904)
contains.

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Color

**XYZ(49.2301, 51.3194,
56.0261)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BDBE
RGB	192, 189, 190
RGB Percent	75%, 74%, 75%
CMY	0.2471, 0.2588, 0.2549
CMYK	0.00, 0.02, 0.01, 0.25
HSL	340°, 2%, 75%
HSV	340°, 2%, 75%
XYZ	49.2301, 51.3194, 56.0261
YIQ	190.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

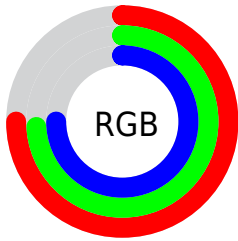
Format	Color
R_{YB}	192, 189, 190
Decimal	12631486
CIE Lab	76.87, 1.23, -0.14
CIE LCh	77, 1.242, 353.471
Yxy	51.3194, 0.3144, 0.3278
Android (android.graphics.Color)	4290821566 (0xFFC0DBE)
YUV	190.0110, -0.0054, 1.7444
Hunter-Lab	71.6376, -2.6986, 3.7769

Details

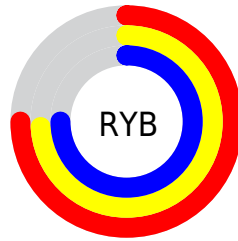
The XYZ color **49.2301, 51.3194, 56.0261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2418, 52.2810, 56.7888**, and the grayscale version is **48.9506, 51.4998, 56.0833**.

A 20% lighter version of the original color is **87.9984, 91.9151, 100.2922**, and **23.9670, 24.9034, 27.2106** is the 20% darker color. If you saturate the color by 10%, you get **44.0311, 43.0646, 47.6842**, and if you desaturate by 10%, it is **55.1019, 60.7214, 65.2012**.

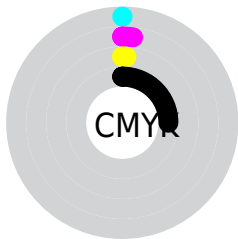
Distribution



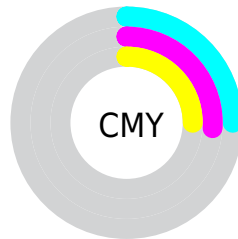
- Red (75%)
- Green (74%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (25%)



- Cyan (25%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2301, 51.3194, 56.0261 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 49.2301, 51.3194, 56.0261 by changing the saturation by 10% instead.

■ 49.2301, 51.3194,
56.0261

■ 49.2301, 51.3194,
56.0261

374.1494,
391.8035, 427.1809

■ 35.0173, 36.4629,
39.8197

■ 88.2318, 92.1267,
100.5289

■ 23.8428, 24.7919,
27.0853

113.7514,
118.8463, 129.6624

■ 15.3412, 15.9221,
17.4043

143.7707,
150.2890, 163.9420

■ 9.1470, 9.4690,
10.3582

178.6550,
186.8393, 203.7863

■ 4.8951, 5.0484,
5.5284

218.7696,
228.8814, 249.6138

■ 2.2200, 2.2757,
2.4964

264.4800,

■ 0.7532, 0.7608,

276.7999, 301.8431

0.8382

316.1515,
330.9791, 360.8926

■ 0.0000, 0.0000,
0.0000

■ 49.2301, 51.3194,
56.0261

■ 49.2301, 51.3194,
56.0261

■ 44.0311, 43.0646,
47.6842

■ 55.1019, 60.7214,
65.2012

■ 39.4761, 35.9065,
40.1484

■ 61.6655, 71.3054,
75.2288

■ 35.5406, 29.8006,
33.3950

■ 68.9441, 83.1131,
86.1319

■ 32.1967, 24.6967,
27.3977

■ 73.4146, 89.0930,
96.7499

■ 29.4145, 20.5406,
22.1288

■ 75.3998, 89.8871,
107.2043

■ 27.1613, 17.2729,
17.5588

■ 75.5485, 89.9466,
107.9873

■ 25.4007, 14.8274,
13.6558

■ 24.0917, 13.1287,
10.3853

■ 23.1856, 12.0868,
7.7085

Harmonies

Analogous

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



49.1434, 51.3194, 56.6558



49.2301, 51.3194, 56.0261



49.1953, 51.3194, 55.3617

Triad

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



49.2301, 51.3194, 56.0261



48.5969, 51.3194, 54.6937



48.5078, 51.3194, 56.9297

Complementary

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



49.2301, 51.3194, 56.0261



49.2418, 52.2810, 56.7888

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.



48.3622, 51.3194, 56.3977



49.2301, 51.3194, 56.0261



48.4136, 51.3194, 55.1076

Square

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



49.2301, 51.3194, 56.0261



48.8292, 51.3194, 54.5960



48.3278, 51.3194, 55.7304



48.7259, 51.3194, 57.1802

Rectangle

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



49.2301, 51.3194, 56.0261



49.1078, 51.3194, 54.9881



48.3278, 51.3194, 55.7304



48.4487, 51.3194, 56.7776

Sweetspot

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



49.2316, 51.3216, 56.0272



90.7827, 95.5105, 104.0109



49.1996, 51.2797, 57.1748



19.4759, 20.4902, 22.3138



92.9021, 97.7402, 106.4391

Same Dimension

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



49.2316, 51.3216, 56.0272



88.7326, 92.2396, 100.7708



49.2306, 51.4934, 55.4913



11.1011, 11.5508, 12.6160



15.2800, 7.8018, 4.1206



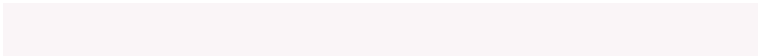
0.6926, 0.3500, 0.3484

Inverse Universe

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



49.2316, 51.3216, 56.0272



88.7326, 92.2396, 100.7708



49.2424, 52.1061, 57.3320



11.1011, 11.5508, 12.6160



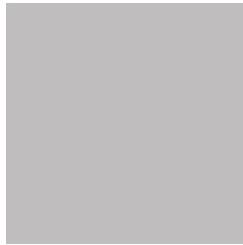
15.2800, 7.8018, 4.1206



0.6926, 0.3500, 0.3484

Previews

White Background



This preview shows how the XYZ color 49.2301, 51.3194, 56.0261 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 49.2301, 51.3194, 56.0261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

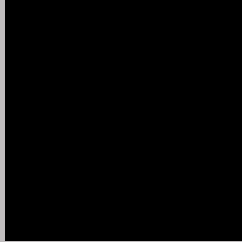
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

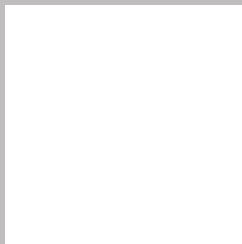
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2301, 51.3194, 56.0261

Background



This preview shows how black text looks on a background with the XYZ color 49.2301, 51.3194, 56.0261.

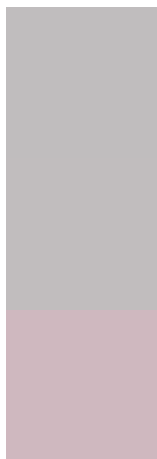


This preview shows how white text looks on a background with the XYZ color 49.2301, 51.3194,

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

49.2301, 51.3194, 56.0261

Protanopia

49.4842, 51.4504, 56.0380

Deuteranopia

52.2766, 51.3080, 56.4384



Tritanopia

50.6791, 51.2742, 63.1030

Trichromacy



Original Color

49.2301, 51.3194, 56.0261

Protanomaly

49.4842, 51.4504, 56.0380

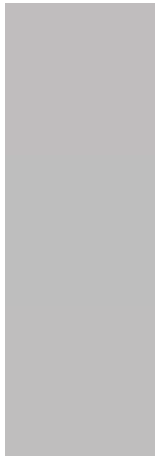
Deuteranomaly

51.3200, 51.4360, 56.5135

Tritanomaly

50.1686, 51.3811, 60.6995

Monochromacy



Original Color

49.2301, 51.3194, 56.0261

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.1936, 51.6210, 56.0863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2301, 51.3194, 56.0261 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(192, 189, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 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(192, 189, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 190) }
```

Border

The CSS property to change the border of an element to XYZ 49.2301, 51.3194, 56.0261 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(192, 189, 190) }
```

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

```
.border{ border-color:rgb(192, 189, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 189, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 189, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 189, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 189,  
190) }
```


Background

The CSS property to change the background color of an element to XYZ 49.2301, 51.3194, 56.0261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 189, 190) }
```

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

```
.background{ background-color: rgb(192,  
189, 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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