

Converting Colors

XYZ(51.1938, 56.0649, 52.9232)

Have a look what the booklet for
XYZ(51.1938, 56.0649, 52.9232)
contains.

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Color

**XYZ(51.1938, 56.0649,
52.9232)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C8B7
RGB	193, 200, 183
RGB Percent	76%, 78%, 72%
CMY	0.2431, 0.2157, 0.2823
CMYK	0.04, 0.00, 0.09, 0.22
HSL	85°, 13%, 75%
HSV	85°, 9%, 78%
XYZ	51.1938, 56.0649, 52.9232
YIQ	195.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

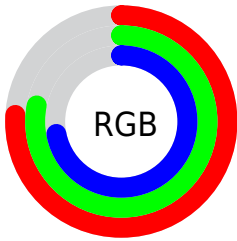
Format	Color
R_{YB}	183, 200, 190
Decimal	12699831
CIE _{Lab}	79.65, -5.47, 7.66
CIE _{LCh}	80, 9.418, 125.531
Yxy	56.0649, 0.3196, 0.3500
Android (android.graphics.Color)	4290889911 (0xFFC1C8B7)
YUV	195.9690, -6.3937, -2.6038
Hunter-Lab	74.8765, -8.9917, 10.5070

Details

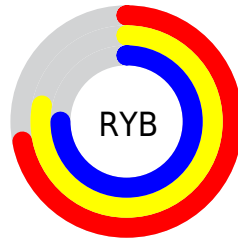
The XYZ color **51.1938, 56.0649, 52.9232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5963, 48.9859, 61.5405**, and the grayscale version is **52.4886, 55.2221, 60.1369**.

A 20% lighter version of the original color is **90.4069, 97.8917, 95.7914**, and **24.9556, 27.6584, 25.1424** is the 20% darker color. If you saturate the color by 10%, you get **47.2166, 54.2399, 42.6316**, and if you desaturate by 10%, it is **55.5870, 58.0734, 64.7808**.

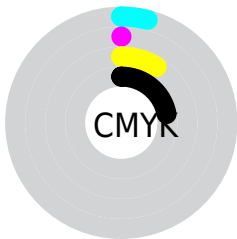
Distribution



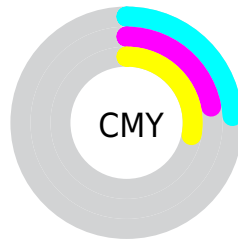
- Red (76%)
- Green (78%)
- Blue (72%)



- Red (72%)
- Yellow (78%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (24%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1938, 56.0649, 52.9232 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 51.1938, 56.0649, 52.9232 by changing the saturation by 10% instead.


 51.1938, 56.0649,
52.9232

 51.1938, 56.0649,
52.9232


381.6915,
409.9360, 415.0483

 36.5845, 40.2550,
37.3542


 91.1225, 99.0995,
95.9318

 25.0582, 27.7374,
25.1839


117.1726,
127.0929, 124.2083

 16.2494, 18.1278,
15.9938

147.7670,
159.9162, 157.5579

 9.7927, 11.0418,
9.3655

183.2711,
197.9539, 196.3989

 5.3230, 6.0949,
4.8803

224.0503,
241.5904, 241.1499

 2.4747, 2.9029,
2.1197

270.4698,

 0.8825, 1.0812,

291.2099, 292.2294

0.6274

322.8951,
347.1970, 350.0561

■ 0.0000, 0.0000,
0.0000

■ 51.1938, 56.0649,
52.9232

■ 51.1938, 56.0649,
52.9232

■ 47.2166, 54.2399,
42.6316

■ 55.5870, 58.0734,
64.7808

■ 43.6365, 52.5852,
33.8369

■ 60.4050, 60.2638,
78.2622

■ 40.4397, 51.0970,
26.4702

■ 65.6623, 62.6438,
93.4271

■ 37.6100, 49.7684,
20.4559

■ 70.0554, 64.6923,
103.4023

■ 35.1296, 48.5922,
15.7112

■ 72.7008, 66.0561,
103.5261

■ 32.9790, 47.5602,
12.1443

■ 75.4720, 67.4847,
103.6558

■ 31.1363, 46.6635,
9.6512

■ 78.3707, 68.9790,
103.7914

■ 29.5761, 45.8917,
8.1097

■ 79.9454, 69.7908,
103.8651

■ 28.2594, 45.2289,
7.3267

Harmonies

Analogous

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



52.9368, 56.0649, 51.2156



51.1938, 56.0649, 52.9232



50.0327, 56.0649, 56.8147

Triad

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



51.1938, 56.0649, 52.9232



51.7896, 56.0649, 71.0679



57.0062, 56.0649, 60.0427

Complementary

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



51.1938, 56.0649, 52.9232



48.5963, 48.9859, 61.5405

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.



56.6815, 56.0649, 65.4805



51.1938, 56.0649, 52.9232



53.6407, 56.0649, 72.0582

Square

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



51.1938, 56.0649, 52.9232



50.3710, 56.0649, 67.3271



55.4386, 56.0649, 69.9582



56.3155, 56.0649, 55.1667

Rectangle

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



51.1938, 56.0649, 52.9232



49.7295, 56.0649, 60.2338



55.4386, 56.0649, 69.9582



57.0123, 56.0649, 61.8638

Sweetspot

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



51.1953, 56.0673, 52.9244



92.6927, 98.9243, 102.4880



50.7389, 52.4406, 52.2484



19.7077, 21.1134, 21.5792



0.0000, 0.0000, 0.0000



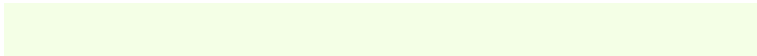
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1953, 56.0673, 52.9244



87.4534, 96.5271, 88.5176



49.1386, 55.0070, 52.8282



11.0852, 12.1908, 11.3316



17.9539, 28.7509, 4.6032



0.9310, 1.4030, 0.2217

Inverse Universe

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



48.5963, 48.9859, 61.5405



82.1444, 82.0617, 106.1178



50.7288, 50.0852, 61.6403



10.4636, 10.4973, 13.3922



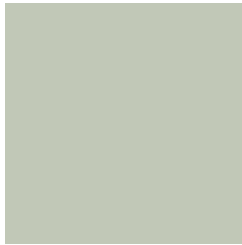
8.9590, 3.8528, 35.0158



0.5061, 0.2247, 1.6618

Previews

White Background



This preview shows how the XYZ color 51.1938, 56.0649, 52.9232 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 51.1938, 56.0649, 52.9232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

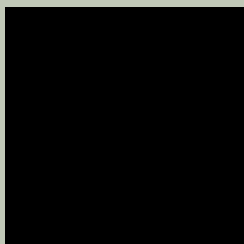
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

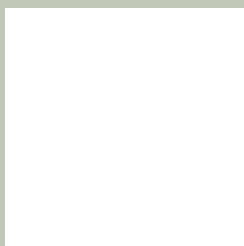
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1938, 56.0649, 52.9232

Background



This preview shows how black text looks on a background with the XYZ color 51.1938, 56.0649, 52.9232.



This preview shows how white text looks on a background with the XYZ color 51.1938, 56.0649,

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

51.1938, 56.0649, 52.9232

Protanopia

53.4836, 56.2478, 51.7541

Deuteranopia

56.9892, 55.7018, 53.6468



Tritanopia

54.5238, 56.0533, 69.5737

Trichromacy



Original Color

51.1938, 56.0649, 52.9232

Protanomaly

52.7250, 56.1831, 52.3215

Deuteranomaly

54.8075, 55.8931, 53.2472

Tritanomaly

53.2738, 55.8853, 63.2375

Monochromacy



Original Color

51.1938, 56.0649, 52.9232

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.8759, 55.2962, 57.2293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1938, 56.0649, 52.9232 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(193, 200, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 183)  
}
```

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(193, 200, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 183) }
```

Border

The CSS property to change the border of an element to XYZ 51.1938, 56.0649, 52.9232 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(193, 200, 183) }
```


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

```
.border{ border-color:rgb(193, 200, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 200, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 200, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 200,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1938, 56.0649, 52.9232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 183) }
```

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

```
.background{ background-color: rgb(193,  
200, 183) }
```

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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