

Converting Colors

XYZ(56.2476, 58.9519, 64.0482)

Have a look what the booklet for
XYZ(56.2476, 58.9519, 64.0482)
contains.

XYZ(56.4098, 59.2018, 64.3311)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(56.4098, 59.2018,
64.3311)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCACA
RGB	203, 202, 202
RGB Percent	80%, 79%, 79%
CMY	0.2039, 0.2078, 0.2078
CMYK	0.00, 0.00, 0.00, 0.20
HSL	0°, 1%, 79%
HSV	0°, 0%, 80%
XYZ	56.4098, 59.2018, 64.3311
YIQ	202.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

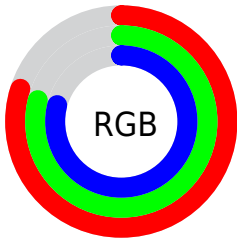
Format	Color
R_{YB}	203, 202, 202
Decimal	13355722
CIE _{Lab}	81.40, 0.35, 0.11
CIE _{LCh}	81, 0.366, 17.905
Yxy	59.2018, 0.3135, 0.3290
Android (android.graphics.Color)	4291545802 (0xFFCBCACA)
YUV	202.2990, -0.1474, 0.6148
Hunter-Lab	76.9427, -3.7842, 4.2881

Details

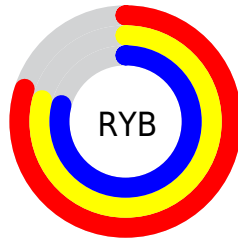
The XYZ color **56.4098, 59.2018, 64.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4926, 59.5796, 65.0233**, and the grayscale version is **56.3277, 59.2612, 64.5354**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3296, 29.7075, 32.2580** is the 20% darker color. If you saturate the color by 10%, you get **49.7230, 49.4245, 51.0135**, and if you desaturate by 10%, it is **64.0386, 70.3554, 79.5241**.

Distribution



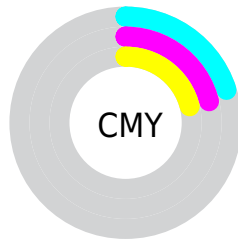
- Red (80%)
- Green (79%)
- Blue (79%)



- Red (80%)
- Yellow (79%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4098, 59.2018, 64.3311 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 56.4098, 59.2018, 64.3311 by changing the saturation by 10% instead.

■ 56.4098, 59.2018,
64.3311

■ 56.4098, 59.2018,
64.3311

401.2841,
421.6493, 458.6246

■ 40.7699, 42.7756,
46.4710

98.7398, 103.6709,
112.6917

■ 28.3262, 29.7091,
32.2663

126.1606,
132.4826, 144.0293

■ 18.7134, 19.6179,
21.2985

158.2391,
166.1915, 180.6964

■ 11.5661, 12.1176,
13.1490

195.3406,
205.1822, 223.1116

■ 6.5191, 6.8238,
7.3993

237.8305,
249.8389, 271.6935

■ 3.2068, 3.3522,
3.6308

286.0742,

■ 1.2641, 1.3182,

300.5460, 326.8606

1.4251

340.4369,
357.6881, 389.0315

■ 0.1561, 0.1553,
0.1612

■ 0.0000, 0.0000,
0.0000

■ 56.4098, 59.2018,
64.3311

■ 56.4098, 59.2018,
64.3311

■ 49.7230, 49.4245,
51.0135

■ 64.0386, 70.3554,
79.5241

■ 43.9369, 40.9630,
39.4949

■ 72.6386, 82.9279,
96.6572

■ 39.0145, 33.7634,
29.6994

■ 78.4390, 91.4367,
108.1226

■ 34.9145, 27.7654,
21.5443

■ 31.5920, 22.9034,
14.9398

■ 28.9979, 19.1060,
9.7878

■ 27.0777, 16.2934,
5.9790

■ 25.7689, 14.3746,
3.3884

■ 24.9977, 13.2420,
1.8681

Harmonies

Analogous

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



56.4137, 59.2018, 64.5491



56.4098, 59.2018, 64.3311



56.3683, 59.2018, 64.1482

Triad

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



56.4098, 59.2018, 64.3311



56.1603, 59.2018, 64.1783



56.2387, 59.2018, 64.8740

Complementary

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



56.4098, 59.2018, 64.3311



56.4926, 59.5796, 65.0233

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.



56.1709, 59.2018, 64.7742



56.4098, 59.2018, 64.3311



56.1256, 59.2018, 64.3724

Square

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



56.4098, 59.2018, 64.3311



56.2243, 59.2018, 64.0602



56.1295, 59.2018, 64.5905



56.3148, 59.2018, 64.8629

Rectangle

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



56.4098, 59.2018, 64.3311



56.3250, 59.2018, 64.0707



56.1295, 59.2018, 64.5905



56.2142, 59.2018, 64.8523

Sweetspot

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



56.4115, 59.2043, 64.3324

95.0500, 100.0000, 108.9000



56.5295, 59.2503, 64.9578



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



56.4115, 59.2043, 64.3324



93.8367, 98.2260, 106.4836



56.5282, 59.4378, 64.3713



12.4795, 13.0681, 14.1714



15.6795, 8.0920, 0.7355



0.8100, 0.4196, 0.0383

Inverse Universe

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



56.4926, 59.5796, 65.0233



94.1153, 99.5141, 108.8555



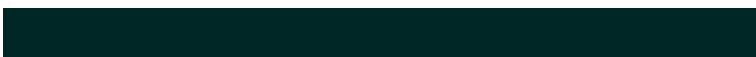
56.3755, 59.3454, 64.9843



12.5139, 13.2269, 14.4639



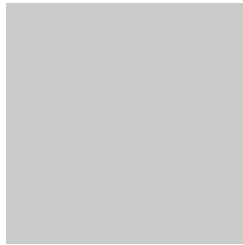
20.3507, 29.7253, 40.6212



1.0509, 1.5356, 2.0960

Previews

White Background



This preview shows how the XYZ color 56.4098, 59.2018, 64.3311 looks on a white background.

Color Contrast Check

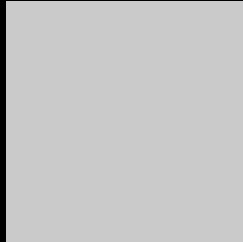
Large Text (above 18pt) WCAG AA × Fail

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 56.4098, 59.2018, 64.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

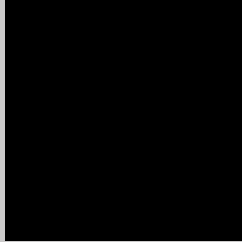
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

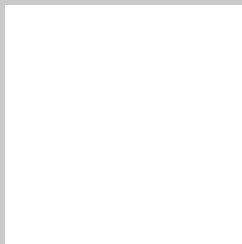
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4098, 59.2018, 64.3311

Background



This preview shows how black text looks on a background with the XYZ color 56.4098, 59.2018, 64.3311.

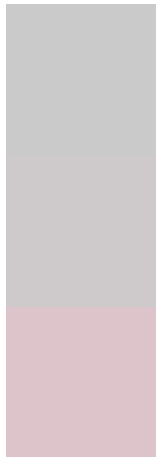


This preview shows how white text looks on a background with the XYZ color 56.4098, 59.2018,

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

56.4098, 59.2018, 64.3311

Protanopia

57.0009, 59.1594, 64.2917

Deuteranopia

60.3382, 59.1638, 64.7395



Tritanopia

58.2258, 59.2456, 73.3325

Trichromacy



Original Color

56.4098, 59.2018, 64.3311

Protanomaly

56.7242, 59.0167, 64.2788

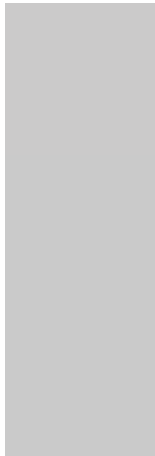
Deuteranomaly

58.7051, 58.9961, 64.7932

Tritanomaly

57.5464, 59.3138, 70.0437

Monochromacy



Original Color

56.4098, 59.2018, 64.3311

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1383, 59.0619, 64.3184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4098, 59.2018, 64.3311 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(203, 202, 202) looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 202)  
}
```

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(203, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.4098, 59.2018, 64.3311 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(203, 202, 202) }
```

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

```
.border{ border-color:rgb(203, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
202) }
```


Background

The CSS property to change the background color of an element to XYZ 56.4098, 59.2018, 64.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 202) }
```

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

```
.background{ background-color: rgb(203,  
202, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor