

Converting Colors

XYZ(50.5662, 51.6899, 56.0272)

Have a look what the booklet for
XYZ(50.5662, 51.6899, 56.0272)
contains.

XYZ(50.5662, 51.6899, 56.0272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.5662, 51.6899,
56.0272)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BCBE
RGB	198, 188, 190
RGB Percent	78%, 74%, 75%
CMY	0.2235, 0.2627, 0.2549
CMYK	0.00, 0.05, 0.04, 0.22
HSL	348°, 8%, 76%
HSV	348°, 5%, 78%
XYZ	50.5662, 51.6899, 56.0272
YIQ	191.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

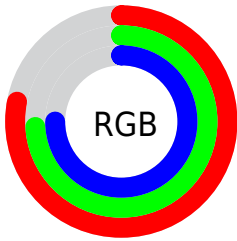
Format	Color
R _Y B	198, 188, 190
Decimal	13024446
CIE Lab	77.10, 3.87, 0.24
CIE LCh	77, 3.881, 3.577
Yxy	51.6899, 0.3195, 0.3266
Android (android.graphics.Color)	4291214526 (0xFFC6BCBE)
YUV	191.2180, -0.6005, 5.9478
Hunter-Lab	71.8957, -0.2735, 4.1232

Details

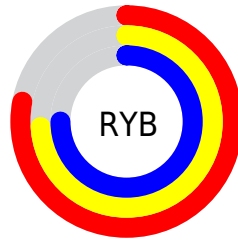
The XYZ color **50.5662, 51.6899, 56.0272** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8989, 55.0664, 60.1736**, and the grayscale version is **49.6502, 52.2358, 56.8848**.

A 20% lighter version of the original color is **90.2252, 92.6152, 100.3099**, and **24.6809, 25.0634, 27.2038** is the 20% darker color. If you saturate the color by 10%, you get **44.9846, 43.1489, 46.0817**, and if you desaturate by 10%, it is **56.9193, 61.4714, 67.1602**.

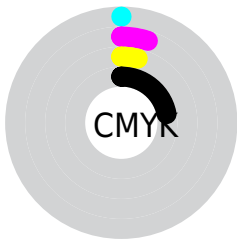
Distribution



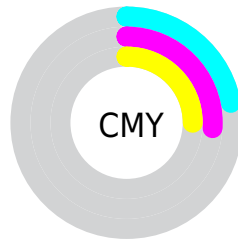
- Red (78%)
- Green (74%)
- Blue (75%)



- Red (78%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5662, 51.6899, 56.0272 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 50.5662, 51.6899, 56.0272 by changing the saturation by 10% instead.

■ 50.5662, 51.6899,
56.0272

■ 50.5662, 51.6899,
56.0272

379.2915,
393.2383, 427.1852

■ 36.0831, 36.7580,
39.8206

■ 90.2000, 92.6737,
100.5305

■ 24.6688, 25.0201,
27.0860

116.0815,
119.4944, 129.6643

■ 15.9579, 16.0921,
17.4048

146.4932,
151.0468, 163.9443

■ 9.5850, 9.5893,
10.3585

181.8003,
187.7154, 203.7889

■ 5.1848, 5.1275,
5.5286

222.3684,
229.8844, 249.6168

■ 2.3920, 2.3223,
2.4965

268.5627,

■ 0.8411, 0.7855,

277.9382, 301.8464

0.8383

320.7486,
332.2614, 360.8964

■ 0.0000, 0.0000,
0.0000

■ 50.5662, 51.6899,
56.0272

■ 50.5662, 51.6899,
56.0272

■ 44.9846, 43.1489,
46.0817

■ 56.9193, 61.4714,
67.1602

■ 40.1408, 35.7922,
37.2809

■ 64.0675, 72.5331,
79.5147

■ 36.0047, 29.5694,
29.5844

■ 72.0386, 84.9214,
93.1279

■ 32.5428, 24.4239,
22.9479

■ 76.8398, 90.6422,
106.6947

■ 29.7186, 20.2941,
17.3245

■ 77.0990, 90.7459,
108.0599

■ 27.4920, 17.1122,
12.6634

■ 25.8186, 14.8022,
8.9093

■ 24.6472, 13.2761,
6.0010

■ 23.9165, 12.4272,
3.8691

Harmonies

Analogous

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



50.4174, 51.6899, 58.1178



50.5662, 51.6899, 56.0272



50.3269, 51.6899, 54.0537

Triad

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



50.5662, 51.6899, 56.0272



48.3455, 51.6899, 52.9482



48.4981, 51.6899, 60.0173

Complementary

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



50.5662, 51.6899, 56.0272



50.8989, 55.0664, 60.1736

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.



47.9516, 51.6899, 58.5697



50.5662, 51.6899, 56.0272



47.8641, 51.6899, 54.4843

Square

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



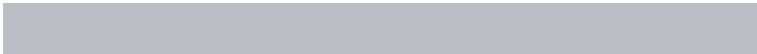
50.5662, 51.6899, 56.0272



49.0408, 51.6899, 52.3045



47.7207, 51.6899, 56.5366



49.2187, 51.6899, 60.4552

Rectangle

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



50.5662, 51.6899, 56.0272



49.9810, 51.6899, 53.0600



47.7207, 51.6899, 56.5366



48.2882, 51.6899, 59.6309

Sweetspot

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



50.5677, 51.6921, 56.0283



92.7943, 96.5290, 104.9407



50.9429, 51.7817, 60.7367



19.8854, 20.6975, 22.5032



0.0000, 0.0000, 0.0000



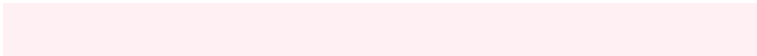
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5677, 51.6921, 56.0283



88.4526, 89.8600, 97.2836



50.9982, 52.9002, 55.1025



11.0794, 11.2233, 12.1436



15.4141, 7.9152, 2.1247



0.7562, 0.3853, 0.2393

Inverse Universe

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



50.5677, 51.6921, 56.0283



88.4526, 89.8600, 97.2836



50.4490, 53.8005, 61.1524



11.0794, 11.2233, 12.1436



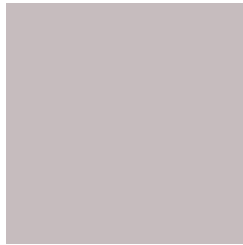
15.4141, 7.9152, 2.1247



0.7562, 0.3853, 0.2393

Previews

White Background



This preview shows how the XYZ color 50.5662, 51.6899, 56.0272 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 50.5662, 51.6899, 56.0272 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

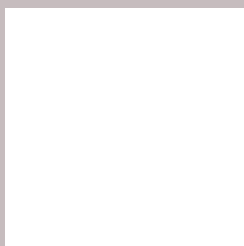
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5662, 51.6899, 56.0272

Background



This preview shows how black text looks on a background with the XYZ color 50.5662, 51.6899, 56.0272.

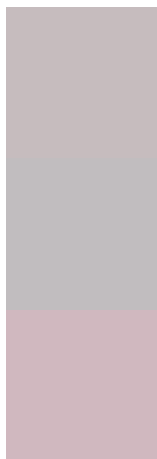


This preview shows how white text looks on a background with the XYZ color 50.5662, 51.6899,

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

50.5662, 51.6899, 56.0272

Protanopia

49.5939, 51.4942, 56.6157

Deuteranopia

52.5569, 51.4525, 56.4515



Tritanopia

51.9209, 51.6142, 62.4844

Trichromacy



Original Color

50.5662, 51.6899, 56.0272

Protanomaly

50.1072, 51.7589, 56.6397

Deuteranomaly

51.6548, 51.2969, 56.4690

Tritanomaly

51.4016, 51.7140, 60.0960

Monochromacy



Original Color

50.5662, 51.6899, 56.0272

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.0656, 52.0578, 56.6996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5662, 51.6899, 56.0272 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(198, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 188, 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(198, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 188, 190) }
```

Border

The CSS property to change the border of an element to XYZ 50.5662, 51.6899, 56.0272 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(198, 188, 190) }
```


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

```
.border{ border-color:rgb(198, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 188,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5662, 51.6899, 56.0272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 188, 190) }
```

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

```
.background{ background-color: rgb(198,  
188, 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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