

Converting Colors

XYZ(52.2584, 56.1582, 62.2653)

Have a look what the booklet for
XYZ(52.2584, 56.1582, 62.2653)
contains.

XYZ(52.2181, 56.0467, 62.0987)	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(52.2181, 56.0467,
62.0987)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC7C7
RGB	191, 199, 199
RGB Percent	75%, 78%, 78%
CMY	0.2510, 0.2196, 0.2196
CMYK	0.04, 0.00, 0.00, 0.22
HSL	180°, 7%, 76%
HSV	180°, 4%, 78%
XYZ	52.2181, 56.0467, 62.0987
YIQ	196.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

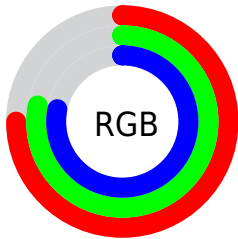
Format	Color
R_{YB}	191, 195, 199
Decimal	12568519
CIE Lab	79.64, -2.73, -0.96
CIE LCh	80, 2.897, 199.374
Yxy	56.0467, 0.3065, 0.3290
Android (android.graphics.Color)	4290758599 (0xFFBFC7C7)
YUV	196.6080, 1.1793, -4.9182
Hunter-Lab	74.8643, -6.5083, 3.2250

Details

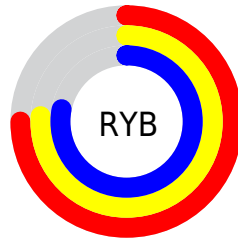
The XYZ color **52.2181, 56.0467, 62.0987** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5900, 53.1669, 56.8361**, and the grayscale version is **52.8311, 55.5825, 60.5293**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **25.7175, 27.6984, 30.7789** is the 20% darker color. If you saturate the color by 10%, you get **47.5492, 53.6414, 61.8766**, and if you desaturate by 10%, it is **57.5703, 58.8073, 62.3551**.

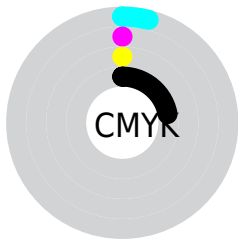
Distribution



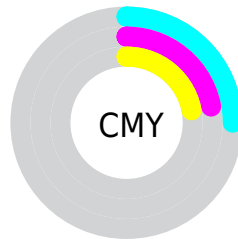
- Red (75%)
- Green (78%)
- Blue (78%)



- Red (75%)
- Yellow (76%)
- Blue (78%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2181, 56.0467, 62.0987 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 52.2181, 56.0467, 62.0987 by changing the saturation by 10% instead.

■ 52.2181, 56.0467,
62.0987

■ 52.2181, 56.0467,
62.0987

385.5882,
409.8675, 450.3086

■ 37.4039, 40.2404,
44.6762

■ 92.6251, 99.0729,
109.4411

■ 25.6955, 27.7260,
30.8613

118.9487,
127.0615, 140.1981

■ 16.7275, 18.1192,
20.2357

149.8394,
159.8796, 176.2370

■ 10.1345, 11.0356,
12.3807

185.6627,
197.9117, 217.9763

■ 5.5512, 6.0908,
6.8778

226.7839,
241.5422, 265.8346

■ 2.6122, 2.9004,
3.3085

273.5682,

■ 0.9522, 1.0799,

291.1553, 320.2303

1.2543

326.3812,
347.1356, 381.5822

■ 0.0000, 0.0000,
0.0239

■ 0.0000, 0.0000,
0.0000

■ 52.2181, 56.0467,
62.0987

■ 52.2181, 56.0467,
62.0987

■ 47.5492, 53.6414,
61.8766

■ 57.5703, 58.8073,
62.3551

■ 43.5314, 51.5703,
61.6838

■ 63.6265, 61.9293,
62.6433

■ 40.1373, 49.8207,
61.5202

■ 70.4129, 65.4277,
62.9656

■ 37.3357, 48.3766,
61.3843

■ 71.9771, 66.2340,
63.0436

■ 35.0926, 47.2203,
61.2746

■ 71.9780, 66.2343,
63.0484

■ 33.3706, 46.3327,
61.1893

■ 71.9789, 66.2347,
63.0532

■ 32.1277, 45.6920,
61.1263

■ 71.9798, 66.2351,
63.0580

■ 31.3155, 45.2734,
61.0836

■ 71.9807, 66.2354,
63.0628

■ 30.8754, 45.0466,
61.0582

■ 71.9816, 66.2358,
63.0676

Harmonies

Analogous

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



52.1744, 56.0467, 60.4341



52.2181, 56.0467, 62.0987



52.5427, 56.0467, 63.4995

Triad

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



52.2181, 56.0467, 62.0987



54.1278, 56.0467, 63.1439



53.4781, 56.0467, 57.9179

Complementary

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



52.2181, 56.0467, 62.0987



51.5900, 53.1669, 56.8361

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.



54.0054, 56.0467, 58.6162



52.2181, 56.0467, 62.0987



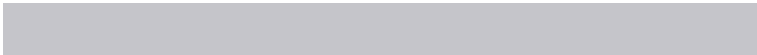
54.3823, 56.0467, 61.6204

Square

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



52.2181, 56.0467, 62.0987



53.6442, 56.0467, 64.1106



54.3374, 56.0467, 59.9644



52.8990, 56.0467, 58.0407

Rectangle

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



52.2181, 56.0467, 62.0987



52.8760, 56.0467, 64.0857



54.3374, 56.0467, 59.9644



53.6674, 56.0467, 58.0639

Sweetspot

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



52.2197, 56.0491, 62.0999



94.1179, 99.5195, 108.8555



51.3485, 55.7045, 57.3369



20.1549, 21.3063, 23.3000



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.



52.2197, 56.0491, 62.0999



90.5130, 97.6612, 108.6834



51.3413, 54.2917, 61.8089



11.3414, 12.2711, 13.6877



19.7558, 28.9147, 39.2539



0.9355, 1.3691, 1.8590

Inverse Universe

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



51.5900, 53.1669, 56.8361



89.1319, 91.3393, 97.1379



52.4445, 54.8762, 57.1192



11.1491, 11.3908, 12.0800



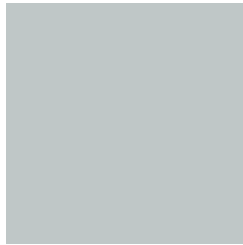
15.1456, 7.8078, 0.7106



0.7172, 0.3697, 0.0340

Previews

White Background



This preview shows how the XYZ color 52.2181, 56.0467, 62.0987 looks on a white background.

Color Contrast Check

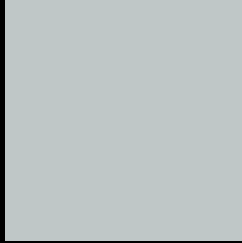
Large Text (above 18pt) WCAG AA × Fail

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 52.2181, 56.0467, 62.0987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

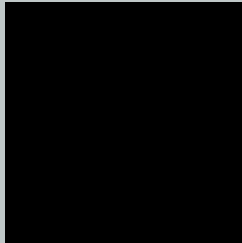
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

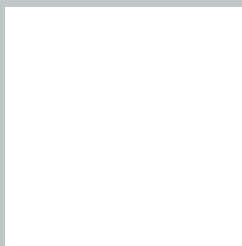
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2181, 56.0467, 62.0987

Background



This preview shows how black text looks on a background with the XYZ color 52.2181, 56.0467, 62.0987.

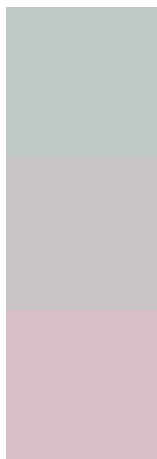


This preview shows how white text looks on a background with the XYZ color 52.2181, 56.0467,

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

52.2181, 56.0467, 62.0987

Protanopia

53.6374, 55.7904, 60.7650

Deuteranopia

57.1977, 55.9257, 63.0384



Tritanopia

53.9688, 56.0741, 70.9297

Trichromacy



Original Color

52.2181, 56.0467, 62.0987

Protanomaly

53.1853, 55.8800, 61.4088

Deuteranomaly

55.1707, 55.8755, 62.5208

Tritanomaly

53.3175, 56.1487, 67.7022

Monochromacy



Original Color

52.2181, 56.0467, 62.0987

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8928, 56.0675, 61.4604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2181, 56.0467, 62.0987 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(191, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(191, 199, 199)  
}
```

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(191, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.2181, 56.0467, 62.0987 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(191, 199, 199) }
```


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

```
.border{ border-color:rgb(191, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 199, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 199, 199); box-shadow:4px 4px 4px 4px rgb(191, 199, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2181, 56.0467, 62.0987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 199, 199) }
```

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

```
.background{ background-color: rgb(191,  
199, 199) }
```

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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