

Converting Colors

XYZ(50.3198, 52.0334, 55.9614)

Have a look what the booklet for
XYZ(50.3198, 52.0334, 55.9614)
contains.

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Color

**XYZ(50.2568, 51.8487,
56.0742)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BDBE
RGB	196, 189, 190
RGB Percent	77%, 74%, 75%
CMY	0.2314, 0.2588, 0.2549
CMYK	0.00, 0.04, 0.03, 0.23
HSL	351°, 6%, 75%
HSV	351°, 4%, 77%
XYZ	50.2568, 51.8487, 56.0742
YIQ	191.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

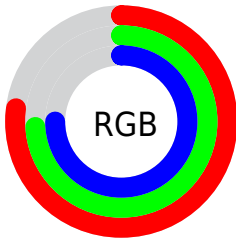
Format	Color
R _Y B	196, 189, 190
Decimal	12893630
CIE Lab	77.19, 2.63, 0.36
CIE LCh	77, 2.660, 7.813
Yxy	51.8487, 0.3177, 0.3278
Android (android.graphics.Color)	4291083710 (0xFFC4BDBE)
YUV	191.2070, -0.5951, 4.2035
Hunter-Lab	72.0060, -1.4260, 4.2326

Details

The XYZ color **50.2568, 51.8487, 56.0742** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5785, 54.2401, 59.4360**, and the grayscale version is **49.6444, 52.2297, 56.8782**.

A 20% lighter version of the original color is **89.7950, 92.8413, 100.3762**, and **24.4748, 25.1652, 27.2343** is the 20% darker color. If you saturate the color by 10%, you get **44.5901, 43.2873, 45.6383**, and if you desaturate by 10%, it is **56.7081, 61.6389, 67.8182**.

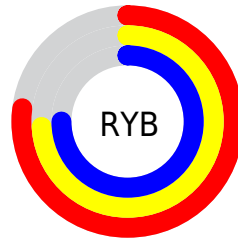
Distribution



Red (77%)

Green (74%)

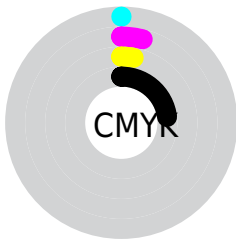
Blue (75%)



Red (77%)

Yellow (74%)

Blue (75%)

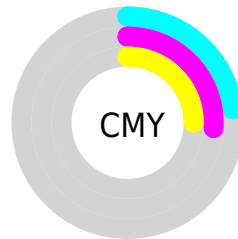


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2568, 51.8487, 56.0742 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 50.2568, 51.8487, 56.0742 by changing the saturation by 10% instead.

■ 50.2568, 51.8487,
56.0742

■ 50.2568, 51.8487,
56.0742

378.1047,
393.8522, 427.3672

■ 35.8361, 36.8845,
39.8580

■ 89.7448, 92.9081,
100.5999

■ 24.4772, 25.1181,
27.1149

115.5428,
119.7720, 129.7466

■ 15.8146, 16.1650,
17.4263

145.8640,
151.3713, 164.0404

■ 9.4831, 9.6410,
10.3738

181.0737,
188.0904, 203.9001

■ 5.1172, 5.1616,
5.5386

221.5373,
230.3136, 249.7441

■ 2.3517, 2.3424,
2.5024

267.6201,

■ 0.8209, 0.7960,

278.4254, 301.9909

0.8414

319.6874,
332.8102, 361.0591

■ 0.0000, 0.0000,
0.0000

■ 50.2568, 51.8487,
56.0742

■ 50.2568, 51.8487,
56.0742

■ 44.5901, 43.2873,
45.6383

■ 56.7081, 61.6389,
67.8182

■ 39.6738, 35.8997,
36.4619

■ 63.9678, 72.6967,
80.9101

■ 35.4775, 29.6366,
28.4981

■ 72.0643, 85.0676,
95.3920

■ 31.9672, 24.4429,
21.6960

■ 76.5752, 90.4759,
108.0354

■ 29.1061, 20.2586,
16.0010

■ 26.8538, 17.0178,
11.3540

■ 25.1654, 14.6468,
7.6905

■ 23.9897, 13.0609,
4.9386

■ 23.2658, 12.1584,
3.0163

Harmonies

Analogous

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



50.1926, 51.8487, 57.5197



50.2568, 51.8487, 56.0742



50.0580, 51.8487, 54.7531

Triad

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



50.2568, 51.8487, 56.0742



48.6829, 51.8487, 54.2685



48.9119, 51.8487, 59.0903

Complementary

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



50.2568, 51.8487, 56.0742



50.5785, 54.2401, 59.4360

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.



48.5113, 51.8487, 58.1906



50.2568, 51.8487, 56.0742



48.3798, 51.8487, 55.4023

Square

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



50.2568, 51.8487, 56.0742



49.1477, 51.8487, 53.7223



48.3172, 51.8487, 56.8364



49.4138, 51.8487, 59.2776

Rectangle

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



50.2568, 51.8487, 56.0742



49.8039, 51.8487, 54.1149



48.3172, 51.8487, 56.8364



48.7610, 51.8487, 58.8604

Sweetspot

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



50.2583, 51.8509, 56.0753



93.8918, 98.2437, 106.7869



50.6557, 51.9785, 59.5882



20.1089, 21.0467, 22.8791



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.



50.2583, 51.8509, 56.0753



90.5053, 93.1132, 100.5949



50.6809, 52.8700, 55.6806



10.7155, 10.9855, 11.8525



14.7810, 7.6021, 1.4928



0.6579, 0.3362, 0.1658

Inverse Universe

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



50.2583, 51.8509, 56.0753



90.5053, 93.1132, 100.5949



50.1437, 53.1896, 59.8489



10.7155, 10.9855, 11.8525



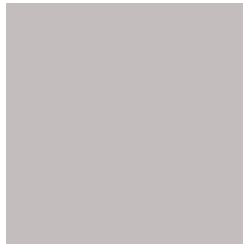
14.7810, 7.6021, 1.4928



0.6579, 0.3362, 0.1658

Previews

White Background



This preview shows how the XYZ color 50.2568, 51.8487, 56.0742 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 50.2568, 51.8487, 56.0742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

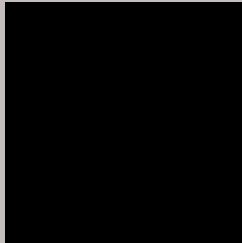
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

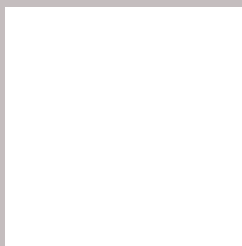
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2568, 51.8487, 56.0742

Background



This preview shows how black text looks on a background with the XYZ color 50.2568, 51.8487, 56.0742.

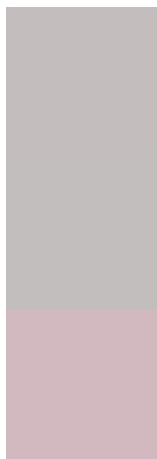


This preview shows how white text looks on a background with the XYZ color 50.2568, 51.8487,

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

50.2568, 51.8487, 56.0742

Protanopia

49.9559, 52.0140, 56.1219

Deuteranopia

53.0474, 52.0148, 56.5342



Tritanopia

51.7197, 51.8107, 63.1517

Trichromacy



Original Color

50.2568, 51.8487, 56.0742

Protanomaly

50.2134, 52.1467, 56.1340

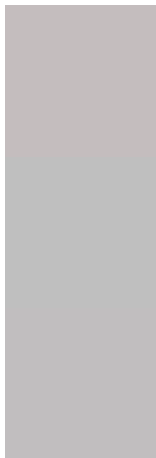
Deuteranomaly

51.8647, 51.7168, 56.5390

Tritanomaly

51.2022, 51.9140, 60.7478

Monochromacy



Original Color

50.2568, 51.8487, 56.0742

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.8097, 51.9260, 56.6877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2568, 51.8487, 56.0742 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(196, 189, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 189, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 190) }
```

Border

The CSS property to change the border of an element to XYZ 50.2568, 51.8487, 56.0742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

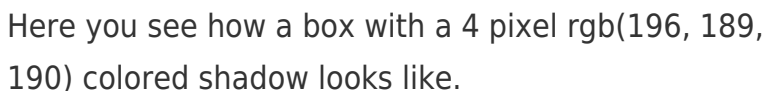
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 189, 190) }
```


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

```
.border{ border-color:rgb(196, 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(196, 189, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 189, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 189, 190); box-shadow:4px 4px 4px 4px rgb(196, 189, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2568, 51.8487, 56.0742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 190) }
```

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

```
.background{ background-color: rgb(196,  
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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