

Converting Colors

XYZ(50.8420, 56.3856, 61.6299)

Have a look what the booklet for
XYZ(50.8420, 56.3856, 61.6299)
contains.

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Color

**XYZ(50.8420, 56.3856,
61.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CAC6
RGB	183, 202, 198
RGB Percent	72%, 79%, 78%
CMY	0.2823, 0.2078, 0.2235
CMYK	0.09, 0.00, 0.02, 0.21
HSL	167°, 15%, 75%
HSV	167°, 9%, 79%
XYZ	50.8420, 56.3856, 61.6299
YIQ	195.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

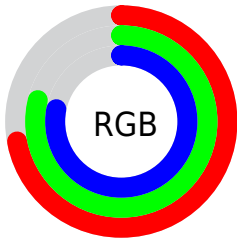
Format	Color
R_{YB}	183, 194, 202
Decimal	12044998
CIE _{Lab}	79.83, -7.19, -0.21
CIE _{LCh}	80, 7.195, 181.681
Yxy	56.3856, 0.3011, 0.3339
Android (android.graphics.Color)	4290235078 (0xFFB7CAC6)
YUV	195.8630, 1.0535, -11.2809
Hunter-Lab	75.0903, -10.5497, 3.9014

Details

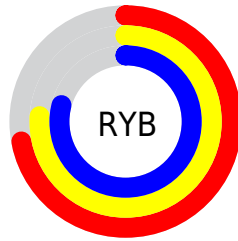
The XYZ color **50.8420, 56.3856, 61.6299** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2623, 50.0128, 54.0207**, and the grayscale version is **52.3868, 55.1150, 60.0202**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **24.8299, 27.9393, 30.4697** is the 20% darker color. If you saturate the color by 10%, you get **45.8942, 53.8924, 58.8728**, and if you desaturate by 10%, it is **56.4964, 59.2446, 64.4944**.

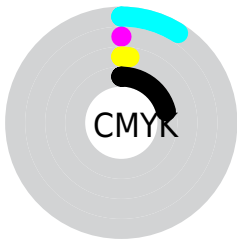
Distribution



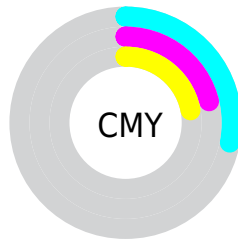
- Red (72%)
- Green (79%)
- Blue (78%)



- Red (72%)
- Yellow (76%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (28%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8420, 56.3856, 61.6299 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 50.8420, 56.3856, 61.6299 by changing the saturation by 10% instead.

■ 50.8420, 56.3856,
61.6299

■ 50.8420, 56.3856,
61.6299

380.3474,
411.1431, 448.5501

■ 36.3034, 40.5122,
44.2999

■ 90.6056, 99.5681,
108.7569

■ 24.8398, 27.9381,
30.5674

116.5612,
127.6460, 139.3909

■ 16.0858, 18.2790,
20.0140

147.0533,
160.5609, 175.2966

■ 9.6762, 11.1505,
12.2210

182.4472,
198.6971, 216.8926

■ 5.2454, 6.1681,
6.7700

223.1082,
242.4390, 264.5974

■ 2.4282, 2.9476,
3.2424

269.4016,

■ 0.8592, 1.1044,

292.1710, 318.8296

1.2197

321.6929,
348.2776, 380.0076

■ 0.0000, 0.0000,
0.0000

■ 50.8420, 56.3856,
61.6299

■ 50.8420, 56.3856,
61.6299

■ 45.8942, 53.8924,
58.8728

■ 56.4964, 59.2446,
64.4944

■ 41.6189, 51.7427,
56.2175

■ 62.8801, 62.4764,
67.4644

■ 37.9862, 49.9228,
53.6631

■ 70.0209, 66.0969,
70.5430

■ 34.9621, 48.4151,
51.2074

■ 74.6304, 68.4107,
73.5768

■ 32.5095, 47.2004,
48.8481

■ 75.1845, 68.6324,
76.4951

■ 30.5871, 46.2575,
46.5826

■ 75.7531, 68.8598,
79.4889

■ 29.1479, 45.5622,
44.4081

■ 76.3360, 69.0930,
82.5587

■ 28.1364, 45.0859,
42.3214

■ 76.9335, 69.3320,
85.7051

■ 27.4557, 44.7786,
40.3173

■ 77.5457, 69.5769,
88.9287

Harmonies

Analogous

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



51.1651, 56.3856, 57.6677



50.8420, 56.3856, 61.6299



51.2448, 56.3856, 65.7036

Triad

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



50.8420, 56.3856, 61.6299



55.0771, 56.3856, 68.4756



54.9323, 56.3856, 54.6010

Complementary

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



50.8420, 56.3856, 61.6299



50.2623, 50.0128, 54.0207

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.



56.0115, 56.3856, 57.2777



50.8420, 56.3856, 61.6299



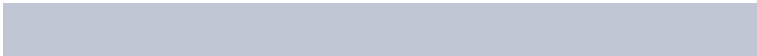
56.0961, 56.3856, 65.2782

Square

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



50.8420, 56.3856, 61.6299



53.6750, 56.3856, 69.7653



56.4411, 56.3856, 61.1594



53.5107, 56.3856, 53.7213

Rectangle

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



50.8420, 56.3856, 61.6299



51.8751, 56.3856, 67.9043



56.4411, 56.3856, 61.1594



55.3481, 56.3856, 55.3143

Sweetspot

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



50.8436, 56.3880, 61.6311



92.0329, 98.4745, 107.4101



50.1916, 56.2420, 53.0109



19.5303, 20.9924, 22.9056



0.0000, 0.0000, 0.0000



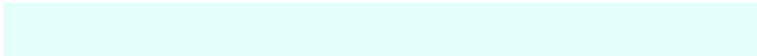
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8436, 56.3880, 61.6311



84.5359, 94.6880, 103.5180



50.0702, 54.0923, 63.6819



11.4381, 12.6850, 13.8645



17.6762, 28.8158, 26.0437



0.9379, 1.4970, 1.4807

Inverse Universe

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



50.2623, 50.0128, 54.0207



83.3833, 82.0460, 88.4270



50.9715, 52.1076, 52.1718



11.3074, 11.2517, 12.1535



15.9757, 8.2009, 2.3246



0.8527, 0.4345, 0.2703

Previews

White Background



This preview shows how the XYZ color 50.8420, 56.3856, 61.6299 looks on a white background.

Color Contrast Check

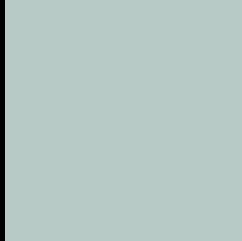
Large Text (above 18pt) WCAG AA × Fail

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 50.8420, 56.3856, 61.6299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

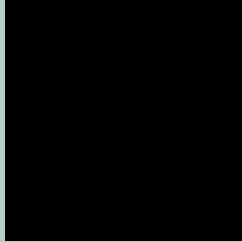
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

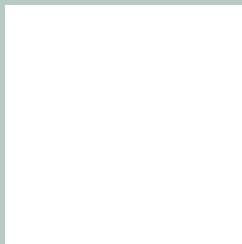
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8420, 56.3856, 61.6299

Background



This preview shows how black text looks on a background with the XYZ color 50.8420, 56.3856, 61.6299.



This preview shows how white text looks on a background with the XYZ color 50.8420, 56.3856,

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

50.8420, 56.3856, 61.6299

Protanopia

54.1737, 56.4292, 59.6664

Deuteranopia

57.0805, 55.8788, 62.4208



Tritanopia

52.9389, 56.1922, 72.3460

Trichromacy



Original Color

50.8420, 56.3856, 61.6299

Protanomaly

52.8929, 56.4345, 60.3297

Deuteranomaly

54.4525, 55.8502, 61.9431

Tritanomaly

52.1705, 56.2263, 68.4247

Monochromacy



Original Color

50.8420, 56.3856, 61.6299

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.7580, 55.4958, 60.8071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8420, 56.3856, 61.6299 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(183, 202, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 198)  
}
```

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(183, 202, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.8420, 56.3856, 61.6299 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(183, 202, 198) }
```


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

```
.border{ border-color:rgb(183, 202, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 202, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 202, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 202, 198);  
box-shadow:4px 4px 4px 4px rgb(183, 202,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8420, 56.3856, 61.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 198) }
```

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

```
.background{ background-color: rgb(183,  
202, 198) }
```

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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