

Converting Colors

XYZ(51.0582, 56.6813, 54.4871)

Have a look what the booklet for
XYZ(51.0582, 56.6813, 54.4871)
contains.

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Color

**XYZ(50.9697, 56.6050,
54.6938)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCABA
RGB	189, 202, 186
RGB Percent	74%, 79%, 73%
CMY	0.2588, 0.2078, 0.2706
CMYK	0.06, 0.00, 0.08, 0.21
HSL	109°, 13%, 76%
HSV	109°, 8%, 79%
XYZ	50.9697, 56.6050, 54.6938
YIQ	196.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

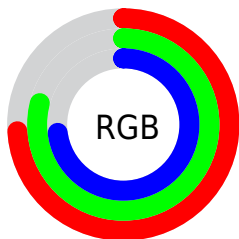
Format	Color
R _{YB}	186, 202, 199
Decimal	12438202
CIE Lab	79.96, -7.39, 6.46
CIE LCh	80, 9.812, 138.840
Yxy	56.6050, 0.3141, 0.3488
Android (android.graphics.Color)	4290628282 (0xFFBDCABA)
YUV	196.2890, -5.0725, -6.3925
Hunter-Lab	75.2363, -10.7366, 9.5639

Details

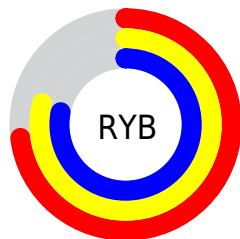
The XYZ color **50.9697, 56.6050, 54.6938** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7749, 51.5257, 63.0966**, and the grayscale version is **52.6747, 55.4179, 60.3501**.

A 20% lighter version of the original color is **89.4432, 97.3433, 98.0794**, and **24.9769, 28.1075, 26.2992** is the 20% darker color. If you saturate the color by 10%, you get **45.1288, 53.8264, 43.9917**, and if you desaturate by 10%, it is **57.5783, 59.7475, 67.0189**.

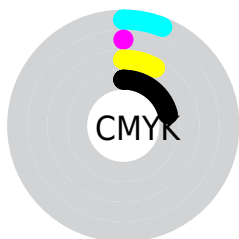
Distribution



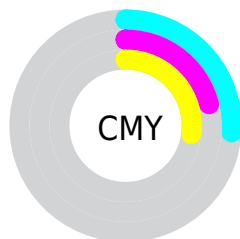
- Red (74%)
- Green (79%)
- Blue (73%)



- Red (73%)
- Yellow (79%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9697, 56.6050, 54.6938 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 50.9697, 56.6050, 54.6938 by changing the saturation by 10% instead.

■ 50.9697, 56.6050,
54.6938

■ 50.9697, 56.6050,
54.6938

380.8357,
411.9675, 421.9994

■ 36.4054, 40.6882,
38.7597

■ 90.7932, 99.8886,
98.5588

■ 24.9190, 28.0755,
26.2664

116.7832,
128.0242, 127.3268

■ 16.1452, 18.3826,
16.7955

147.3125,
161.0015, 161.2098

■ 9.7184, 11.2250,
9.9284

182.7464,
199.2049, 200.6264

■ 5.2735, 6.2184,
5.2465

223.4503,
243.0188, 245.9951

■ 2.4450, 2.9783,
2.3314

269.7896,

■ 0.8676, 1.1204,

292.8276, 297.7345

0.7487

322.1296,
349.0157, 356.2631

■ 0.0000, 0.0000,
0.0000

■ 50.9697, 56.6050,
54.6938

■ 50.9697, 56.6050,
54.6938

■ 45.1288, 53.8264,
43.9917

■ 57.5783, 59.7475,
67.0189

■ 40.0228, 51.3914,
34.8416

■ 64.9762, 63.2589,
81.0269

■ 35.6236, 49.2887,
27.1724

■ 73.1904, 67.1533,
96.7790

■ 31.8996, 47.5037,
20.9063

■ 80.2855, 70.6582,
104.0146

■ 28.8165, 46.0207,
15.9582

■ 80.4116, 70.7232,
104.0205

■ 26.3369, 44.8223,
12.2340

■ 24.4196, 43.8896,
9.6268

■ 23.0176, 43.2011,
8.0115

■ 22.0701, 42.7295,
7.2049

Harmonies

Analogous

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



52.5743, 56.6050, 51.8262



50.9697, 56.6050, 54.6938



50.1314, 56.6050, 59.5351

Triad

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



50.9697, 56.6050, 54.6938



53.0637, 56.6050, 73.0302



57.5073, 56.6050, 58.1593

Complementary

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



50.9697, 56.6050, 54.6938



51.7749, 51.5257, 63.0966

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.



57.6461, 56.6050, 63.7801



50.9697, 56.6050, 54.6938



55.0474, 56.6050, 72.6053

Square

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



50.9697, 56.6050, 54.6938



51.3204, 56.6050, 70.2636



56.7360, 56.6050, 69.1361



56.3610, 56.6050, 53.7402

Rectangle

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



50.9697, 56.6050, 54.6938



50.1058, 56.6050, 63.3340



56.7360, 56.6050, 69.1361



57.6743, 56.6050, 59.9632

Sweetspot

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



50.9713, 56.6074, 54.6950



92.7314, 98.8983, 104.5621



53.5998, 56.8591, 54.6051



19.8727, 21.1799, 22.4260



0.0000, 0.0000, 0.0000



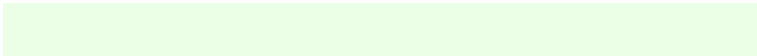
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9713, 56.6074, 54.6950



83.9965, 94.7450, 88.3558



50.7539, 56.4354, 57.3944



11.2610, 12.6364, 11.9250



14.1580, 27.4740, 4.5568



0.7909, 1.4485, 0.2379

Inverse Universe

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



51.7749, 51.5257, 63.0966



85.7111, 83.9004, 106.2847



52.0190, 51.7162, 60.1863



11.4734, 11.2933, 14.1455



16.8003, 7.8684, 36.5896



0.9214, 0.4341, 1.8902

Previews

White Background



This preview shows how the XYZ color 50.9697, 56.6050, 54.6938 looks on a white background.

Color Contrast Check

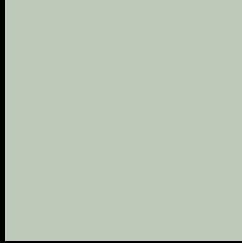
Large Text (above 18pt) WCAG AA × Fail

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 50.9697, 56.6050, 54.6938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

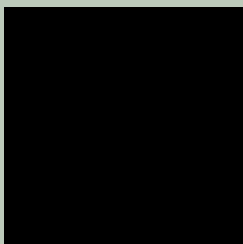
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

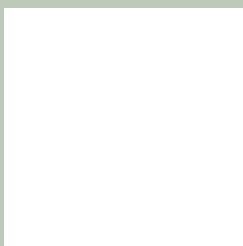
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9697, 56.6050, 54.6938

Background



This preview shows how black text looks on a background with the XYZ color 50.9697, 56.6050, 54.6938.



This preview shows how white text looks on a background with the XYZ color 50.9697, 56.6050,

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

50.9697, 56.6050, 54.6938

Protanopia

53.6903, 56.3305, 52.8428

Deuteranopia

57.5267, 56.2646, 55.4051



Tritanopia

54.3240, 56.5807, 71.6763

Trichromacy



Original Color

50.9697, 56.6050, 54.6938

Protanomaly

52.6283, 56.4497, 53.4695

Deuteranomaly

54.7792, 56.1734, 54.9691

Tritanomaly

53.0607, 56.4129, 65.2189

Monochromacy



Original Color

50.9697, 56.6050, 54.6938

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.7008, 55.5314, 57.8629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9697, 56.6050, 54.6938 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(189, 202, 186)` looks like.

```
.text, #text, p{  
    color:rgb(189, 202, 186)  
}
```

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(189, 202, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 202, 186) }
```

Border

The CSS property to change the border of an element to XYZ 50.9697, 56.6050, 54.6938 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(189, 202, 186) }
```


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

```
.border{ border-color:rgb(189, 202, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 202, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 202, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 202, 186);  
box-shadow:4px 4px 4px 4px rgb(189, 202,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9697, 56.6050, 54.6938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 202, 186) }
```

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

```
.background{ background-color: rgb(189,  
202, 186) }
```

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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