

Converting Colors

XYZ(55.6018, 64.8046, 58.2983)

Have a look what the booklet for
XYZ(55.6018, 64.8046, 58.2983)
contains.

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Color

**XYZ(55.6009, 64.8077,
58.2938)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDABE
RGB	190, 218, 190
RGB Percent	75%, 85%, 75%
CMY	0.2549, 0.1451, 0.2549
CMYK	0.13, 0.00, 0.13, 0.15
HSL	120°, 27%, 80%
HSV	120°, 13%, 85%
XYZ	55.6009, 64.8077, 58.2938
YIQ	206.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

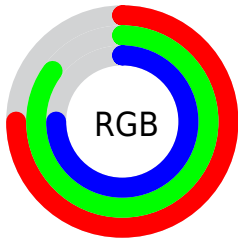
Format	Color
RYB	190, 218, 218
Decimal	12507838
CIELab	84.38, -14.52, 10.68
CIELCh	84, 18.026, 143.677
Yxy	64.8077, 0.3111, 0.3627
Android (android.graphics.Color)	4290697918 (0xFFBEDABE)
YUV	206.4360, -8.1029, -14.4144
Hunter-Lab	80.5032, -17.5966, 13.4193

Details

The XYZ color **55.6009, 64.8077, 58.2938** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.9842, 56.7959, 74.1341**, and the grayscale version is **59.0010, 62.0737, 67.5982**.

A 20% lighter version of the original color is **90.4006, 97.7667, 101.2950**, and **27.7659, 33.2348, 28.6184** is the 20% darker color. If you saturate the color by 10%, you get **48.3506, 61.3269, 46.4331**, and if you desaturate by 10%, it is **64.0257, 68.8565, 72.0725**.

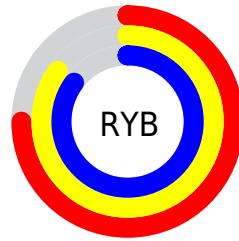
Distribution



Red (75%)

Green (85%)

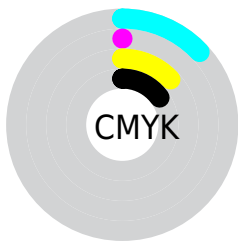
Blue (75%)



Red (75%)

Yellow (85%)

Blue (85%)

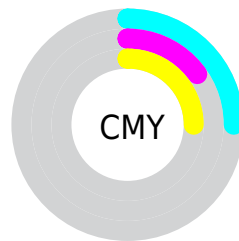


Cyan (13%)

Magenta (0%)

Yellow (13%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6009, 64.8077, 58.2938 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 55.6009, 64.8077, 58.2938 by changing the saturation by 10% instead.

■ 55.6009, 64.8077,
58.2938

■ 55.6009, 64.8077,
58.2938

398.2852,
442.1006, 435.9086

■ 40.1188, 47.3052,
41.6286

■ 97.5640, 111.7733,
103.8696

■ 27.8158, 33.2770,
28.4872

124.7757,
142.0052, 133.6173

■ 18.3266, 22.3387,
18.4510

156.6280,
177.2491, 168.5629

■ 11.2858, 14.1060,
11.1015

193.4861,
217.8892, 209.1249

■ 6.3281, 8.1944,
6.0201

235.7156,
264.3100, 255.7220

■ 3.0882, 4.2196,
2.7883

283.6817,

■ 1.2006, 1.7971,

316.8959, 308.7726

0.9876

337.7498,
376.0313, 368.6953

■ 0.1068, 0.4854,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6009, 64.8077,
58.2938

■ 55.6009, 64.8077,
58.2938

■ 48.3506, 61.3269,
46.4331

■ 64.0257, 68.8565,
72.0725

■ 42.2176, 58.3809,
36.4015

■ 73.6681, 73.4882,
87.8445

■ 37.1480, 55.9458,
28.1093

■ 84.3627, 78.6254,
105.3376

■ 33.0814, 53.9923,
21.4575

■ 29.9511, 52.4887,
16.3374

■ 27.6827, 51.3991,
12.6269

■ 26.1902, 50.6822,
10.1856

■ 25.3701, 50.2882,
8.8441

■ 25.0727, 50.1454,
8.3576

Harmonies

Analogous

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



58.5575, 64.8077, 52.2371



55.6009, 64.8077, 58.2938



54.2584, 64.8077, 68.1642

Triad

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



55.6009, 64.8077, 58.2938



60.7538, 64.8077, 94.8256



68.9208, 64.8077, 62.0754

Complementary

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



55.6009, 64.8077, 58.2938



59.9842, 56.7959, 74.1341

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.



69.5708, 64.8077, 73.0206



55.6009, 64.8077, 58.2938



64.7415, 64.8077, 92.7441

Square

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



55.6009, 64.8077, 58.2938



57.1492, 64.8077, 89.8611



68.0111, 64.8077, 84.4467



66.2714, 64.8077, 54.2493

Rectangle

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



55.6009, 64.8077, 58.2938



54.4162, 64.8077, 75.9074



68.0111, 64.8077, 84.4467



69.3850, 64.8077, 65.4785

Sweetspot

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



55.6027, 64.8105, 58.2952



89.7974, 97.4769, 100.3084



63.2820, 68.7693, 58.6545



19.0157, 20.7658, 21.1354



0.0000, 0.0000, 0.0000



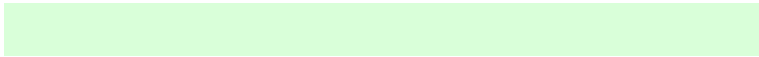
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6027, 64.8105, 58.2952



76.7929, 91.2302, 79.0373



57.2077, 65.4525, 66.7471



12.8866, 14.6063, 13.8657



15.0204, 30.0408, 5.0068



0.9731, 1.9462, 0.3244

Inverse Universe

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



59.9842, 56.7959, 74.1341



84.0384, 77.9769, 105.2292



58.2281, 56.0935, 64.8869



13.6144, 13.2749, 16.4969



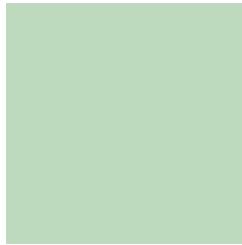
24.9036, 11.9625, 40.7340



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 55.6009, 64.8077, 58.2938 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 55.6009, 64.8077, 58.2938 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

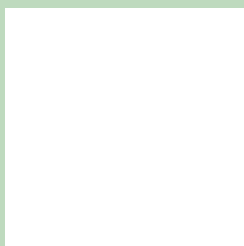
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6009, 64.8077, 58.2938

Background



This preview shows how black text looks on a background with the XYZ color 55.6009, 64.8077, 58.2938.



This preview shows how white text looks on a background with the XYZ color 55.6009, 64.8077,

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

55.6009, 64.8077, 58.2938

Protanopia

61.4247, 64.8540, 55.7350

Deuteranopia

65.9066, 64.5667, 59.4410



Tritanopia

60.4513, 64.4799, 83.3885

Trichromacy



Original Color

55.6009, 64.8077, 58.2938

Protanomaly

59.0584, 64.7317, 56.3955

Deuteranomaly

61.5855, 64.1332, 59.0022

Tritanomaly

58.5604, 64.4688, 73.6472

Monochromacy



Original Color

55.6009, 64.8077, 58.2938

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.2913, 62.5427, 63.6959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6009, 64.8077, 58.2938 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(190, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 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(190, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 190) }
```

Border

The CSS property to change the border of an element to XYZ 55.6009, 64.8077, 58.2938 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(190, 218, 190) }
```


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

```
.border{ border-color:rgb(190, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 218, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 218, 190); box-shadow:4px 4px 4px 4px rgb(190, 218, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6009, 64.8077, 58.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 190) }
```

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

```
.background{ background-color: rgb(190,  
218, 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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