

Converting Colors

XYZ(60.8247, 69.2614, 58.7164)

Have a look what the booklet for
XYZ(60.8247, 69.2614, 58.7164)
contains.

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Color

**XYZ(60.8588, 69.4722,
58.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDFBE
RGB	205, 223, 190
RGB Percent	80%, 87%, 75%
CMY	0.1961, 0.1255, 0.2549
CMYK	0.08, 0.00, 0.15, 0.13
HSL	93°, 34%, 81%
HSV	93°, 15%, 87%
XYZ	60.8588, 69.4722, 58.9171
YIQ	213.8560, -0.1350, -14.0790

Conversions

Conversions Part 2

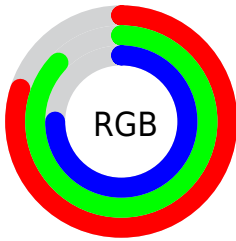
Format	Color
RYB	190, 223, 208
Decimal	13492158
CIELab	86.74, -11.88, 14.16
CIELCh	87, 18.481, 129.998
Yxy	69.4722, 0.3216, 0.3671
Android (android.graphics.Color)	4291682238 (0xFFCDDFBE)
YUV	213.8560, -11.7610, -7.7667
Hunter-Lab	83.3500, -15.5290, 16.4350

Details

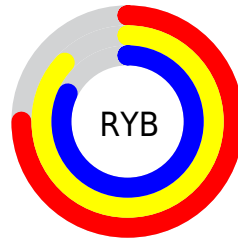
The XYZ color **60.8588, 69.4722, 58.9171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.7479, 55.5665, 77.4975**, and the grayscale version is **63.8980, 67.2256, 73.2087**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **31.2805, 36.3907, 29.0424** is the 20% darker color. If you saturate the color by 10%, you get **55.3796, 66.9100, 46.8962**, and if you desaturate by 10%, it is **66.9757, 72.3241, 72.9175**.

Distribution



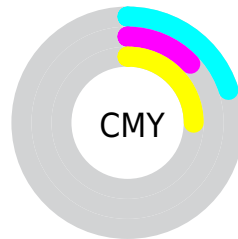
- Red (80%)
- Green (87%)
- Blue (75%)



- Red (75%)
- Yellow (87%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8588, 69.4722, 58.9171 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 60.8588, 69.4722, 58.9171 by changing the saturation by 10% instead.

60.8588, 69.4722,
58.9171

60.8588, 69.4722,
58.9171

417.5403,
458.6946, 438.2880

44.3633, 51.0964,
42.1268

105.1737,
118.4558, 104.7851

31.1554, 36.2853,
28.8743

133.7239,
149.8323, 134.6999

20.8696, 24.6546,
18.7410

167.0230,
186.3112, 169.8266

13.1406, 15.8199,
11.3084

205.4365,
228.2768, 210.5838

7.6031, 9.3968,
6.1579

249.3295,
276.1135, 257.3900

3.8917, 5.0009,
2.8710

299.0676,

1.6411, 2.2478,

330.2058, 310.6637

1.0291

355.0161,
390.9381, 370.8235

0.4189, 0.7459,
0.0000

0.0000, 0.0000,
0.0000

60.8588, 69.4722,
58.9171

60.8588, 69.4722,
58.9171

55.3796, 66.9100,
46.8962

66.9757, 72.3241,
72.9175

50.5097, 64.6188,
36.7609

73.7463, 75.4660,
88.9763

46.2266, 62.5910,
28.4167

80.8847, 78.7866,
105.5520

42.5043, 60.8156,
21.7589

85.1888, 81.0054,
105.7534

■ 39.3142, 59.2803,
16.6721

■ 85.6791, 81.2581,
105.7764

■ 36.6248, 57.9718,
13.0263

■ 34.4003, 56.8749,
10.6706

■ 32.5982, 55.9717,
9.4206

■ 31.7952, 55.5651,
9.0494

Harmonies

Analogous

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



64.6063, 69.4722, 54.6407



60.8588, 69.4722, 58.9171



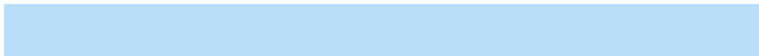
58.5636, 69.4722, 67.8306

Triad

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



60.8588, 69.4722, 58.9171



63.2437, 69.4722, 100.1437



74.5118, 69.4722, 71.6069

Complementary

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



60.8588, 69.4722, 58.9171



57.7479, 55.5665, 77.4975

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.



74.1082, 69.4722, 84.0342



60.8588, 69.4722, 58.9171



67.4770, 69.4722, 101.4376

Square

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



60.8588, 69.4722, 58.9171



59.8985, 69.4722, 91.9048



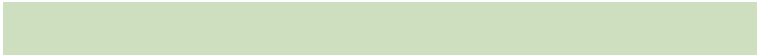
71.4888, 69.4722, 95.2690



72.5689, 69.4722, 61.4231

Rectangle

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



60.8588, 69.4722, 58.9171



58.1045, 69.4722, 75.6427



71.4888, 69.4722, 95.2690



74.6480, 69.4722, 75.6442

Sweetspot

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



60.8607, 69.4752, 58.9186



91.4333, 98.3203, 100.3849



62.1868, 64.3253, 57.8547



19.4284, 20.9785, 21.1546



0.0000, 0.0000, 0.0000



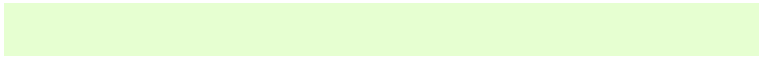
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8607, 69.4752, 58.9186



79.9015, 92.9449, 74.1154



57.0399, 67.4916, 59.3699



14.1175, 15.6407, 14.5817



18.8209, 32.7350, 5.3265



1.4068, 2.3217, 0.3740

Inverse Universe

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



57.7479, 55.5665, 77.4975



74.8525, 70.3861, 104.2485



62.0190, 57.7853, 76.9255



13.6630, 13.6098, 17.2945



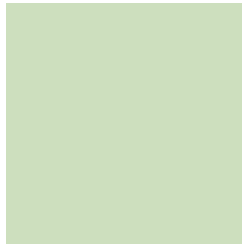
12.6538, 5.6186, 41.4659



0.9799, 0.4425, 2.8790

Previews

White Background



This preview shows how the XYZ color 60.8588, 69.4722, 58.9171 looks on a white background.

Color Contrast Check

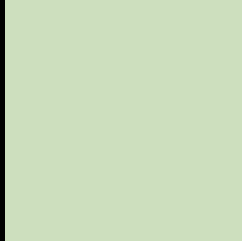
Large Text (above 18pt) WCAG AA × Fail

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 60.8588, 69.4722, 58.9171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

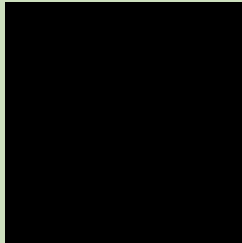
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

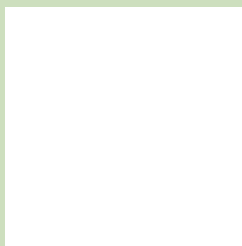
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8588, 69.4722, 58.9171

Background



This preview shows how black text looks on a background with the XYZ color 60.8588, 69.4722, 58.9171.



This preview shows how white text looks on a background with the XYZ color 60.8588, 69.4722,

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

60.8588, 69.4722, 58.9171

Protanopia

65.5204, 69.1936, 56.9161

Deuteranopia

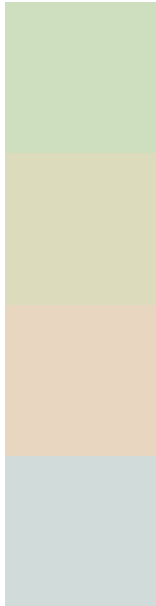
70.7839, 69.2253, 60.0832



Tritanopia

66.8155, 69.5633, 87.7474

Trichromacy



Original Color

60.8588, 69.4722, 58.9171

Protanomaly

63.9238, 69.5095, 57.6245

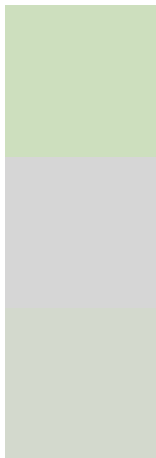
Deuteranomaly

66.8397, 69.0547, 59.6752

Tritanomaly

64.2809, 69.2803, 76.3141

Monochromacy



Original Color

60.8588, 69.4722, 58.9171

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.6963, 67.8824, 67.5558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8588, 69.4722, 58.9171 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(205, 223, 190)` looks like.

```
.text, #text, p{  
    color:rgb(205, 223, 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(205, 223, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 223, 190) }
```

Border

The CSS property to change the border of an element to XYZ 60.8588, 69.4722, 58.9171 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(205, 223, 190) }
```


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

```
.border{ border-color:rgb(205, 223, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 223, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 223, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 223, 190); box-shadow:4px 4px 4px 4px rgb(205, 223, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8588, 69.4722, 58.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 223, 190) }
```

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

```
.background{ background-color: rgb(205,  
223, 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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