

Converting Colors

XYZ(61.4381, 68.2156, 58.0729)

Have a look what the booklet for
XYZ(61.4381, 68.2156, 58.0729)
contains.

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Color

**XYZ(61.3808, 68.1860,
58.0702)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DBBD
RGB	211, 219, 189
RGB Percent	83%, 86%, 74%
CMY	0.1725, 0.1412, 0.2588
CMYK	0.04, 0.00, 0.14, 0.14
HSL	76°, 29%, 80%
HSV	76°, 14%, 86%
XYZ	61.3808, 68.1860, 58.0702
YIQ	213.1880, 4.8620, -11.0260

Conversions

Conversions Part 2

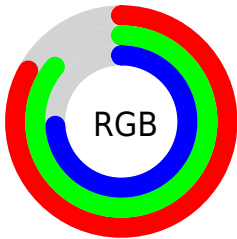
Format	Color
R _{YB}	189, 219, 197
Decimal	13884349
CIE Lab	86.10, -7.90, 13.84
CIE LCh	86, 15.938, 119.715
Yxy	68.1860, 0.3271, 0.3634
Android (android.graphics.Color)	4292074429 (0xFFD3DBBD)
YUV	213.1880, -11.9247, -1.9189
Hunter-Lab	82.5748, -11.8205, 16.1071

Details

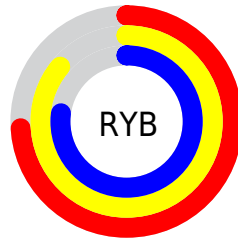
The XYZ color **61.3808, 68.1860, 58.0702** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.0123, 53.3818, 74.4784**, and the grayscale version is **63.4482, 66.7525, 72.6934**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **31.4297, 35.3964, 28.4682** is the 20% darker color. If you saturate the color by 10%, you get **57.5379, 66.4612, 46.4040**, and if you desaturate by 10%, it is **65.6473, 70.0917, 71.6329**.

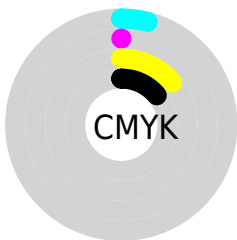
Distribution



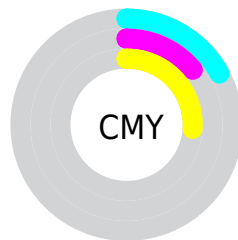
- Red (83%)
- Green (86%)
- Blue (74%)



- Red (74%)
- Yellow (86%)
- Blue (77%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3808, 68.1860, 58.0702 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 61.3808, 68.1860, 58.0702 by changing the saturation by 10% instead.

■ 61.3808, 68.1860,
58.0702

■ 61.3808, 68.1860,
58.0702

419.4225,
454.1547, 435.0530

■ 44.7863, 50.0491,
41.4500

■ 105.9251,
116.6182, 103.5409

■ 31.4897, 35.4524,
28.3485

134.6056,
147.6822, 133.2284

■ 21.1257, 24.0116,
18.3472

168.0454,
183.8241, 168.1089

■ 13.3289, 15.3422,
11.0276

206.6100,
225.4282, 208.6007

■ 7.7340, 9.0599,
5.9710

250.6646,
272.8789, 255.1225

■ 3.9756, 4.7803,
2.7589

300.5747,

■ 1.6883, 2.1189,

326.5607, 308.0928

0.9729

356.7055,
386.8578, 367.9301

0.4489, 0.6752,
0.0000

0.0000, 0.0000,
0.0000

61.3808, 68.1860,
58.0702

61.3808, 68.1860,
58.0702

57.5379, 66.4612,
46.4040

65.6473, 70.0917,
71.6329

54.0964, 64.9017,
36.5454

70.3474, 72.1758,
87.1668

51.0401, 63.5031,
28.4048

75.4980, 74.4472,
104.7481

48.3498, 62.2578,
21.8835

77.4365, 75.4410,
105.0880

■ 46.0039, 61.1569,
16.8726

■ 79.3905, 76.4484,
105.1794

■ 43.9788, 60.1910,
13.2498

■ 81.4085, 77.4887,
105.2739

■ 42.2467, 59.3489,
10.8738

■ 83.4909, 78.5622,
105.3713

■ 40.7746, 58.6172,
9.5735

■ 84.6229, 79.1457,
105.4243

■ 39.9464, 58.1993,
9.1282

Harmonies

Analogous

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



64.8438, 68.1860, 55.8483



61.3808, 68.1860, 58.0702



58.9166, 68.1860, 64.5307

Triad

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



61.3808, 68.1860, 58.0702



61.3223, 68.1860, 93.0534



72.1080, 68.1860, 74.3433

Complementary

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



61.3808, 68.1860, 58.0702



54.0123, 53.3818, 74.4784

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.



71.0812, 68.1860, 84.8839



61.3808, 68.1860, 58.0702



64.7737, 68.1860, 96.2891

Square

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



61.3808, 68.1860, 58.0702



58.8838, 68.1860, 84.6940



68.3620, 68.1860, 93.1701



71.1184, 68.1860, 64.6891

Rectangle

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



61.3808, 68.1860, 58.0702



58.1246, 68.1860, 70.7004



68.3620, 68.1860, 93.1701



71.9866, 68.1860, 77.9020

Sweetspot

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



61.3826, 68.1890, 58.0717



92.4569, 98.8479, 100.4328



58.3673, 58.6688, 56.3930



19.6876, 21.1121, 21.1668



0.0000, 0.0000, 0.0000



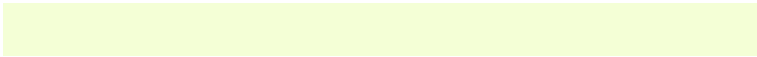
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3826, 68.1890, 58.0717



85.2715, 95.6391, 77.7182



57.2840, 66.0760, 57.8799



13.8057, 15.0801, 13.9087



23.7939, 34.5637, 5.4174



1.6215, 2.2804, 0.3547

Inverse Universe

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



54.0123, 53.3818, 74.4784



73.2249, 71.4355, 104.5368



58.1375, 55.5084, 74.6714



12.6629, 12.7843, 16.4524



8.7200, 3.6195, 39.9774



0.6462, 0.2764, 2.5937

Previews

White Background



This preview shows how the XYZ color 61.3808, 68.1860, 58.0702 looks on a white background.

Color Contrast Check

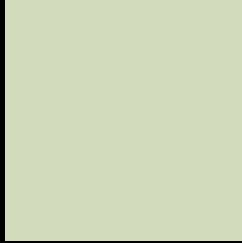
Large Text (above 18pt) WCAG AA × Fail

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 61.3808, 68.1860, 58.0702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

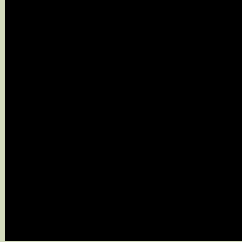
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

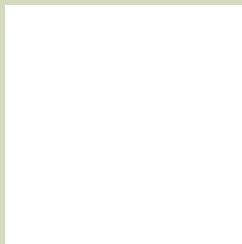
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3808, 68.1860, 58.0702

Background



This preview shows how black text looks on a background with the XYZ color 61.3808, 68.1860, 58.0702.



This preview shows how white text looks on a background with the XYZ color 61.3808, 68.1860,

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

61.3808, 68.1860, 58.0702

Protanopia

64.6341, 68.3575, 56.8014

Deuteranopia

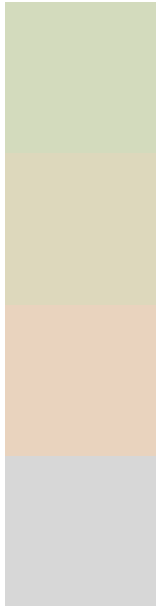
69.3730, 67.7997, 58.7205



Tritanopia

66.6924, 68.0534, 84.4835

Trichromacy



Original Color

61.3808, 68.1860, 58.0702

Protanomaly

63.4518, 68.1147, 57.3801

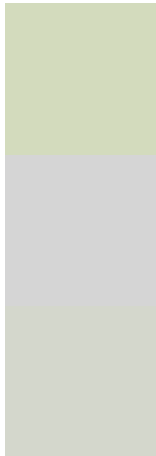
Deuteranomaly

66.1928, 67.6299, 58.2803

Tritanomaly

64.5905, 67.9542, 74.0022

Monochromacy



Original Color

61.3808, 68.1860, 58.0702

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.3509, 66.9576, 66.7646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3808, 68.1860, 58.0702 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(211, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 189)  
}
```

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(211, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.3808, 68.1860, 58.0702 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(211, 219, 189) }
```


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

```
.border{ border-color:rgb(211, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 189);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3808, 68.1860, 58.0702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 189) }
```

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

```
.background{ background-color: rgb(211,  
219, 189) }
```

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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