

Converting Colors

XYZ(62.4012, 68.5181, 58.8759)

Have a look what the booklet for
XYZ(62.4012, 68.5181, 58.8759)
contains.

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Color

**XYZ(62.3573, 68.6769,
58.6846)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DBBE
RGB	214, 219, 190
RGB Percent	84%, 86%, 75%
CMY	0.1608, 0.1412, 0.2549
CMYK	0.02, 0.00, 0.13, 0.14
HSL	70°, 29%, 80%
HSV	70°, 13%, 86%
XYZ	62.3573, 68.6769, 58.6846
YIQ	214.1990, 6.3290, -10.0790

Conversions

Conversions Part 2

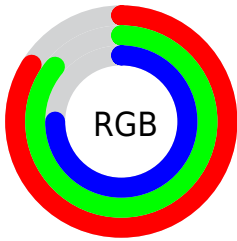
Format	Color
RYB	190, 219, 195
Decimal	14080958
CIELab	86.34, -6.67, 13.69
CIELCh	86, 15.233, 115.984
Yxy	68.6769, 0.3287, 0.3620
Android (android.graphics.Color)	4292271038 (0xFFD6DBBE)
YUV	214.1990, -11.9301, -0.1745
Hunter-Lab	82.8715, -10.7115, 16.0245

Details

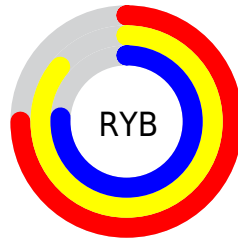
The XYZ color **62.3573, 68.6769, 58.6846** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.7081, 53.5454, 74.5262**, and the grayscale version is **64.1269, 67.4665, 73.4710**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **32.0889, 35.7280, 28.8718** is the 20% darker color. If you saturate the color by 10%, you get **59.0517, 67.2310, 46.9598**, and if you desaturate by 10%, it is **66.0519, 70.2859, 72.3080**.

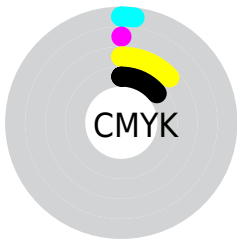
Distribution



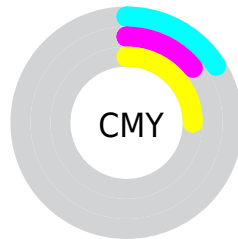
- Red (84%)
- Green (86%)
- Blue (75%)



- Red (75%)
- Yellow (86%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)




- Cyan (16%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3573, 68.6769, 58.6846 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 62.3573, 68.6769, 58.6846 by changing the saturation by 10% instead.


 62.3573, 68.6769,
58.6846

 62.3573, 68.6769,
58.6846


422.9300,
455.8906, 437.4014

 45.5782, 50.4486,
41.9409


 107.3288,
117.3200, 104.4437

 32.1163, 35.7700,
28.7298


136.2519,
148.5036, 134.2963

 21.6063, 24.2566,
18.6327

169.9536,
184.7744, 169.3555

 13.6829, 15.5241,
11.2311

208.7994,
226.5168, 210.0400

 7.9807, 9.1880,
6.1064

253.1546,
274.1152, 256.7683

 4.1343, 4.8640,
2.8400

303.3845,

 1.7784, 2.1677,

327.9541, 309.9590

1.0135

359.8545,
388.4177, 370.0305

■ 0.5046, 0.7023,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3573, 68.6769,
58.6846

■ 62.3573, 68.6769,
58.6846

■ 59.0517, 67.2310,
46.9598

■ 66.0519, 70.2859,
72.3080

■ 56.1135, 65.9327,
37.0448

■ 70.1451, 72.0551,
87.9045

■ 53.5271, 64.7780,
28.8507

■ 74.5397, 73.9478,
104.9524

■ 51.2736, 63.7594,
22.2789

■ 75.7334, 74.5631,
105.0083

■ 49.3323, 62.8686,
17.2212

■ 76.9533, 75.1920,
105.0654

■ 47.6800, 62.0962,
13.5560

■ 78.1996, 75.8345,
105.1237

■ 46.2898, 61.4315,
11.1432

■ 79.4725, 76.4907,
105.1833

■ 45.1294, 60.8615,
9.8133

■ 80.7722, 77.1607,
105.2441

■ 44.4394, 60.5156,
9.3385

■ 82.0987, 77.8446,
105.3062

Harmonies

Analogous

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



65.7501, 68.6769, 57.0745



62.3573, 68.6769, 58.6846



59.8292, 68.6769, 64.4581

Triad

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



62.3573, 68.6769, 58.6846



61.5650, 68.6769, 92.0060



72.2560, 68.6769, 76.1421

Complementary

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



62.3573, 68.6769, 58.6846



53.7081, 53.5454, 74.5262

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.



71.0424, 68.6769, 86.1433



62.3573, 68.6769, 58.6846



64.8028, 68.6769, 95.8079

Square

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



62.3573, 68.6769, 58.6846



59.3834, 68.6769, 83.5872



68.2830, 68.6769, 93.5723



71.5447, 68.6769, 66.6096

Rectangle

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



62.3573, 68.6769, 58.6846



58.9318, 68.6769, 70.1843



68.2830, 68.6769, 93.5723



72.0585, 68.6769, 79.5668

Sweetspot

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



62.3591, 68.6799, 58.6861



92.8063, 99.0281, 100.4491



57.9878, 57.7353, 56.8040



19.7763, 21.1579, 21.1709



0.0000, 0.0000, 0.0000



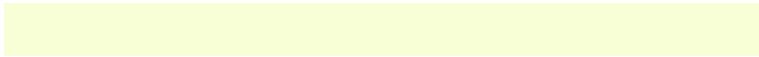
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3591, 68.6799, 58.6861



86.6203, 96.3344, 77.7813



58.3587, 66.6176, 58.4989



13.9303, 15.1443, 13.9145



26.4311, 35.9232, 5.5408



1.7717, 2.3579, 0.3617

Inverse Universe

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



53.7081, 53.5454, 74.5262



72.0392, 70.8243, 104.4813



57.5908, 55.5470, 74.7079



12.5471, 12.7246, 16.4469



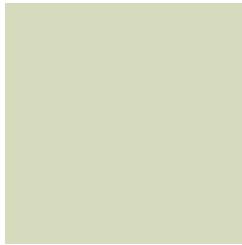
8.1147, 3.3075, 39.9491



0.5903, 0.2476, 2.5911

Previews

White Background



This preview shows how the XYZ color 62.3573, 68.6769, 58.6846 looks on a white background.

Color Contrast Check

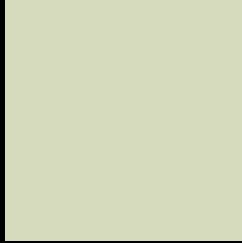
Large Text (above 18pt) WCAG AA × Fail

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 62.3573, 68.6769, 58.6846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

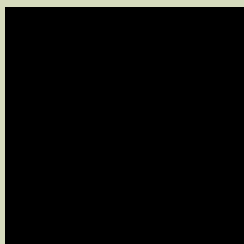
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

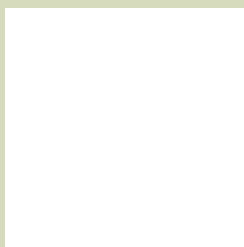
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3573, 68.6769, 58.6846

Background



This preview shows how black text looks on a background with the XYZ color 62.3573, 68.6769, 58.6846.



This preview shows how white text looks on a background with the XYZ color 62.3573, 68.6769,

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

62.3573, 68.6769, 58.6846

Protanopia

64.7416, 68.4005, 57.3673

Deuteranopia

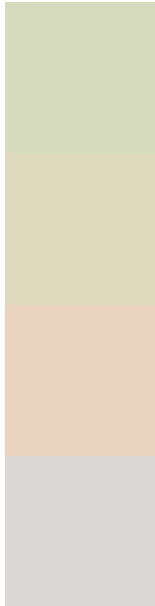
69.7265, 68.3300, 59.3832



Tritanopia

67.5924, 68.5173, 84.5256

Trichromacy



Original Color

62.3573, 68.6769, 58.6846

Protanomaly

63.8654, 68.3155, 57.9642

Deuteranomaly

66.8791, 68.3410, 58.9564

Tritanomaly

65.4796, 68.4126, 74.0438

Monochromacy



Original Color

62.3573, 68.6769, 58.6846

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3069, 67.8157, 67.5107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3573, 68.6769, 58.6846 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(214, 219, 190) looks like.

```
.text, #text, p{  
    color:rgb(214, 219, 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(214, 219, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 219, 190) }
```

Border

The CSS property to change the border of an element to XYZ 62.3573, 68.6769, 58.6846 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(214, 219, 190) }
```


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

```
.border{ border-color:rgb(214, 219, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 219, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 219, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 219, 190);  
box-shadow:4px 4px 4px 4px rgb(214, 219,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3573, 68.6769, 58.6846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 219, 190) }
```

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

```
.background{ background-color: rgb(214,  
219, 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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