

Converting Colors

XYZ(68.1163, 74.7301, 62.7103)

Have a look what the booklet for
XYZ(68.1163, 74.7301, 62.7103)
contains.

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Color

**XYZ(68.0599, 74.7256,
62.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E3C3
RGB	224, 227, 195
RGB Percent	88%, 89%, 76%
CMY	0.1216, 0.1098, 0.2353
CMYK	0.01, 0.00, 0.14, 0.11
HSL	66°, 36%, 83%
HSV	66°, 14%, 89%
XYZ	68.0599, 74.7256, 62.4661
YIQ	222.4550, 8.4840, -10.5880

Conversions

Conversions Part 2

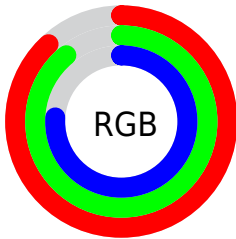
Format	Color
R_{YB}	195, 227, 198
Decimal	14738371
CIE _{Lab}	89.26, -6.40, 15.31
CIE _{LCh}	89, 16.591, 112.701
Yxy	74.7256, 0.3316, 0.3641
Android (android.graphics.Color)	4292928451 (0xFFE0E3C3)
YUV	222.4550, -13.5353, 1.3550
Hunter-Lab	86.4440, -10.7386, 17.6667

Details

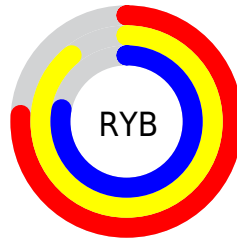
The XYZ color **68.0599, 74.7256, 62.4661** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.6718, 56.5840, 80.6120**, and the grayscale version is **69.8431, 73.4804, 80.0202**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **35.9224, 39.8632, 31.0003** is the 20% darker color. If you saturate the color by 10%, you get **65.0303, 73.4404, 49.9295**, and if you desaturate by 10%, it is **71.4921, 76.1777, 77.0614**.

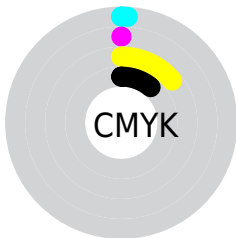
Distribution



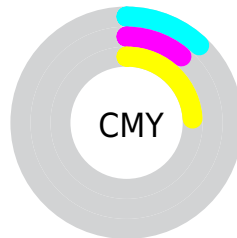
- Red (88%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0599, 74.7256, 62.4661 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 68.0599, 74.7256, 62.4661 by changing the saturation by 10% instead.

68.0599, 74.7256,
62.4661

68.0599, 74.7256,
62.4661

443.0816,
476.9739, 451.6837

50.2203, 55.3881,
44.9712

115.4793,
125.9239, 109.9770

35.8070, 39.7126,
31.0920

145.7898,
158.5534, 140.8301

24.4546, 27.3145,
20.4098

180.9880,
196.3825, 176.9730

15.7977, 17.8096,
12.5063

221.4392,
239.7954, 218.8243

9.4711, 10.8133,
6.9628

267.5088,
289.1766, 266.8025

5.1093, 5.9415,
3.3607

319.5622,

2.3469, 2.8095,

344.9105, 321.3261

1.2816

377.9647,
407.3815, 382.8136

■ 0.8185, 1.0331,
0.0467

■ 0.0000, 0.0000,
0.0000

■ 68.0599, 74.7256,
62.4661

■ 68.0599, 74.7256,
62.4661

■ 65.0303, 73.4404,
49.9295

■ 71.4921, 76.1777,
77.0614

■ 62.3796, 72.3053,
39.3544

■ 75.3373, 77.7936,
93.7972

■ 60.0910, 71.3159,
30.6428

■ 78.2805, 79.0496,
105.7400

■ 58.1438, 70.4640,
23.6863

■ 78.9703, 79.4052,
105.7723

■ 56.5153, 69.7406,
18.3657

■ 79.6684, 79.7651,
105.8050

■ 55.1800, 69.1354,
14.5465

■ 80.3750, 80.1293,
105.8380

■ 54.1084, 68.6365,
12.0733

■ 81.0900, 80.4979,
105.8715

■ 53.2643, 68.2297,
10.7567

■ 81.8136, 80.8709,
105.9054

■ 52.8391, 68.0192,
10.3441

■ 82.5456, 81.2483,
105.9396

Harmonies

Analogous

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



72.0189, 74.7256, 61.1773



68.0599, 74.7256, 62.4661



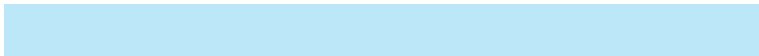
65.0053, 74.7256, 68.5775

Triad

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



68.0599, 74.7256, 62.4661



66.4071, 74.7256, 100.4352



79.0361, 74.7256, 84.2313

Complementary

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



68.0599, 74.7256, 62.4661



56.6718, 56.5840, 80.6120

Split Complementary

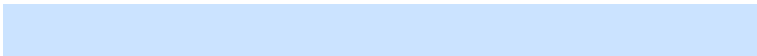
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4042, 74.7256, 95.6474



68.0599, 74.7256, 62.4661



70.0392, 74.7256, 105.5632

Square

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



68.0599, 74.7256, 62.4661



64.0767, 74.7256, 90.2820



74.0738, 74.7256, 103.7327



78.4571, 74.7256, 73.0525

Rectangle

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



68.0599, 74.7256, 62.4661



63.8424, 74.7256, 74.9073



74.0738, 74.7256, 103.7327



78.7258, 74.7256, 88.1804

Sweetspot

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



68.0619, 74.7289, 62.4677



93.0995, 99.1792, 100.4628



61.6493, 60.5089, 60.0610



19.8507, 21.1962, 21.1744



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.



68.0619, 74.7289, 62.4677



87.3580, 96.7521, 76.1269



63.4283, 72.3402, 62.2509



15.4612, 16.7448, 15.3216



30.8679, 39.6945, 6.0349



2.3201, 2.9534, 0.4478

Inverse Universe

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



56.6718, 56.5840, 80.6120



69.7423, 68.6885, 104.1901



61.0169, 58.8240, 80.8153



13.7077, 13.9515, 18.1148



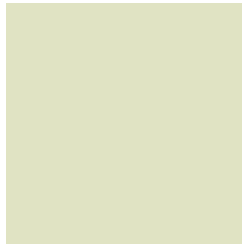
8.3131, 3.3514, 42.5919



0.6575, 0.2699, 3.1494

Previews

White Background



This preview shows how the XYZ color 68.0599, 74.7256, 62.4661 looks on a white background.

Color Contrast Check

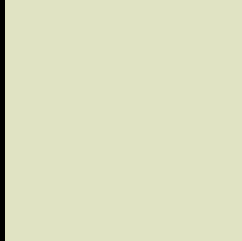
Large Text (above 18pt) WCAG AA × Fail

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 68.0599, 74.7256, 62.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

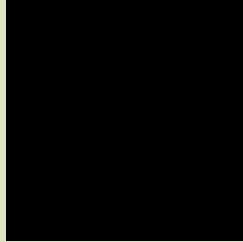
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

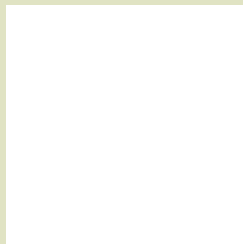
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0599, 74.7256, 62.4661

Background



This preview shows how black text looks on a background with the XYZ color 68.0599, 74.7256, 62.4661.

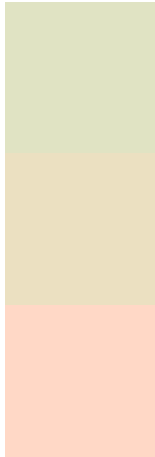


This preview shows how white text looks on a background with the XYZ color 68.0599, 74.7256,

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

68.0599, 74.7256, 62.4661

Protanopia

70.5422, 74.8237, 61.1765

Deuteranopia

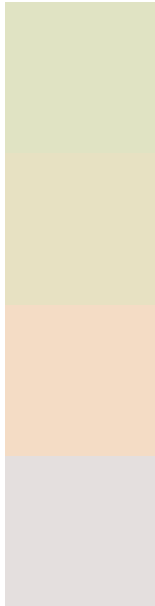
75.9889, 74.4490, 63.7911



Tritanopia

73.9222, 74.7089, 91.4131

Trichromacy



Original Color

68.0599, 74.7256, 62.4661

Protanomaly

69.6178, 74.7344, 61.7949

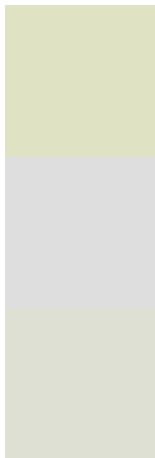
Deuteranomaly

72.9795, 74.4507, 63.3473

Tritanomaly

71.5674, 74.5433, 79.7235

Monochromacy



Original Color

68.0599, 74.7256, 62.4661

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.9707, 73.7528, 72.8879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0599, 74.7256, 62.4661 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(224, 227, 195)` looks like.

```
.text, #text, p{  
    color:rgb(224, 227, 195)  
}
```

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(224, 227, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 227, 195) }
```

Border

The CSS property to change the border of an element to XYZ 68.0599, 74.7256, 62.4661 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(224, 227, 195) }
```


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

```
.border{ border-color:rgb(224, 227, 195) }
```

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

Here you see how a box with a 4 pixel rgb(224, 227, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 227, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 227, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 227,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0599, 74.7256, 62.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 227, 195) }
```

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

```
.background{ background-color: rgb(224,  
227, 195) }
```

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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