

Converting Colors

XYZ(68.1860, 75.4725, 62.7594)

Have a look what the booklet for
XYZ(68.1860, 75.4725, 62.7594)
contains.

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Color

**XYZ(68.3011, 75.6667,
62.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE5C3
RGB	223, 229, 195
RGB Percent	87%, 90%, 76%
CMY	0.1255, 0.1019, 0.2353
CMYK	0.03, 0.00, 0.15, 0.10
HSL	71°, 40%, 83%
HSV	71°, 15%, 90%
XYZ	68.3011, 75.6667, 62.6350
YIQ	223.3300, 7.3380, -11.8460

Conversions

Conversions Part 2

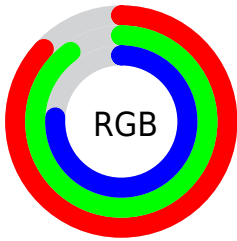
Format	Color
RYB	195, 229, 201
Decimal	14673347
CIELab	89.70, -7.77, 15.91
CIELCh	90, 17.711, 116.028
Yxy	75.6667, 0.3306, 0.3662
Android (android.graphics.Color)	4292863427 (0xFFDFE5C3)
YUV	223.3300, -13.9667, -0.2894
Hunter-Lab	86.9866, -12.0700, 18.1987

Details

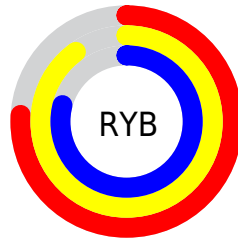
The XYZ color **68.3011, 75.6667, 62.6350** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.7482, 57.1068, 82.1118**, and the grayscale version is **70.4682, 74.1380, 80.7363**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **36.0922, 40.5200, 31.1182** is the 20% darker color. If you saturate the color by 10%, you get **64.6775, 74.0776, 49.9702**, and if you desaturate by 10%, it is **72.3556, 77.4367, 77.3959**.

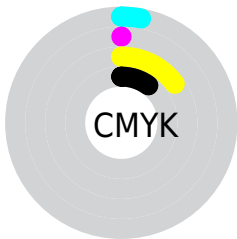
Distribution



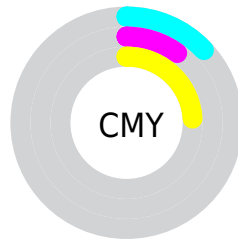
- Red (87%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3011, 75.6667, 62.6350 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 68.3011, 75.6667, 62.6350 by changing the saturation by 10% instead.

68.3011, 75.6667,
62.6350

68.3011, 75.6667,
62.6350

443.9221,
480.2060, 452.3150

50.4173, 56.1592,
45.1069

115.8223,
127.2557, 110.2232

35.9642, 40.3306,
31.1981

146.1905,
160.1060, 141.1205

24.5766, 27.7964,
20.4900

181.4508,
198.1727, 177.3111

15.8889, 18.1722,
12.5641

221.9686,
241.8401, 219.2138

9.5359, 11.0737,
7.0019

268.1093,
291.4928, 267.2469

5.1523, 6.1164,
3.3848

320.2382,

2.3725, 2.9160,

347.5151, 321.8292

1.2943

378.7207,
410.2914, 383.3790

■ 0.8314, 1.0880,
0.0571

■ 0.0000, 0.0000,
0.0000

■ 68.3011, 75.6667,
62.6350

■ 68.3011, 75.6667,
62.6350

■ 64.6775, 74.0776,
49.9702

■ 72.3556, 77.4367,
77.3959

■ 61.4606, 72.6520,
39.3018

■ 76.8522, 79.3844,
94.3370

■ 58.6328, 71.3854,
30.5288

■ 80.3755, 80.9464,
105.9957

■ 56.1727, 70.2693,
23.5401

■ 81.7269, 81.6431,
106.0590

■ 54.0567, 69.2942,
18.2125

■ 83.1089, 82.3555,
106.1236

■ 52.2582, 68.4494,
14.4074

■ 84.5217, 83.0838,
106.1897

■ 50.7466, 67.7227,
11.9639

■ 85.9653, 83.8280,
106.2573

■ 49.4841, 67.0989,
10.6847

■ 87.3108, 84.5217,
106.3203

■ 48.9000, 66.8053,
10.3174

Harmonies

Analogous

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



72.5014, 75.6667, 60.6747



68.3011, 75.6667, 62.6350



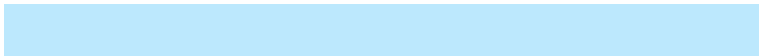
65.1855, 75.6667, 69.6823

Triad

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



68.3011, 75.6667, 62.6350



67.3336, 75.6667, 103.9560



80.6142, 75.6667, 84.0630

Complementary

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



68.3011, 75.6667, 62.6350



57.7482, 57.1068, 82.1118

Split Complementary

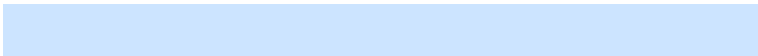
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1008, 75.6667, 96.5516



68.3011, 75.6667, 62.6350



71.3396, 75.6667, 108.7476

Square

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



68.3011, 75.6667, 62.6350



64.6429, 75.6667, 93.3840



75.6623, 75.6667, 105.9107



79.7214, 75.6667, 72.2913

Rectangle

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



68.3011, 75.6667, 62.6350



64.0834, 75.6667, 76.7240



75.6623, 75.6667, 105.9107



80.3684, 75.6667, 88.3245

Sweetspot

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



68.3031, 75.6700, 62.6366



92.7914, 99.0204, 100.4484



62.9749, 62.2183, 60.3210



19.7725, 21.1559, 21.1708



0.0000, 0.0000, 0.0000



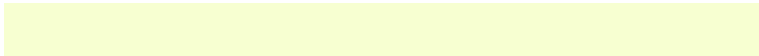
20.3446, 21.4041, 23.3091

Same Dimension

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



68.3031, 75.6700, 62.6366



85.6018, 95.8835, 74.3822



63.4184, 73.1519, 62.4080



15.3388, 16.6817, 15.3159



28.0492, 38.2414, 5.9030



2.1384, 2.8598, 0.4393

Inverse Universe

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



57.7482, 57.1068, 82.1118



69.5513, 67.6532, 104.0004



62.4742, 59.5432, 82.3330



13.8189, 14.0089, 18.1200



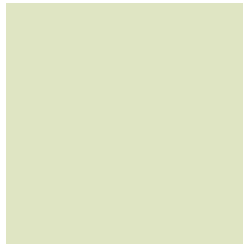
8.6670, 3.5339, 42.6085



0.7103, 0.2971, 3.1519

Previews

White Background



This preview shows how the XYZ color 68.3011, 75.6667, 62.6350 looks on a white background.

Color Contrast Check

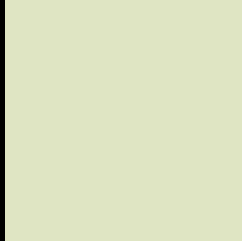
Large Text (above 18pt) WCAG AA × Fail

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 68.3011, 75.6667, 62.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

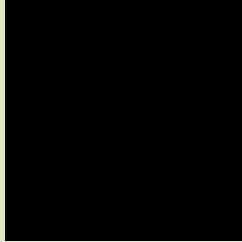
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

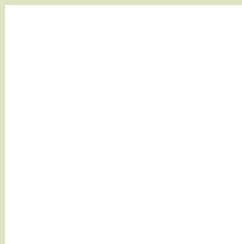
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3011, 75.6667, 62.6350

Background



This preview shows how black text looks on a background with the XYZ color 68.3011, 75.6667, 62.6350.



This preview shows how white text looks on a background with the XYZ color 68.3011, 75.6667,

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

68.3011, 75.6667, 62.6350

Protanopia

71.4759, 75.7052, 61.2975

Deuteranopia

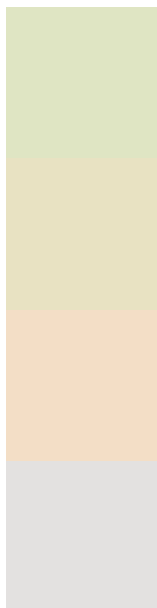
76.7367, 75.5729, 65.1862



Tritanopia

74.4290, 75.7246, 93.1316

Trichromacy



Original Color

68.3011, 75.6667, 62.6350

Protanomaly

70.2127, 75.4436, 61.9004

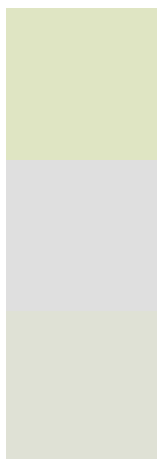
Deuteranomaly

73.2765, 75.3745, 64.1127

Tritanomaly

72.0583, 75.5631, 81.3083

Monochromacy



Original Color

68.3011, 75.6667, 62.6350

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.3669, 74.3425, 73.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3011, 75.6667, 62.6350 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(223, 229, 195)` looks like.

```
.text, #text, p{  
    color:rgb(223, 229, 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(223, 229, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 229, 195) }
```

Border

The CSS property to change the border of an element to XYZ 68.3011, 75.6667, 62.6350 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(223, 229, 195) }
```


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

```
.border{ border-color:rgb(223, 229, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 229, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 229, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 229, 195); box-shadow:4px 4px 4px 4px rgb(223, 229, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3011, 75.6667, 62.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 229, 195) }
```

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

```
.background{ background-color: rgb(223,  
229, 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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