

Converting Colors

XYZ(66.8679, 75.6051, 69.4615)

Have a look what the booklet for
XYZ(66.8679, 75.6051, 69.4615)
contains.

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Color

**XYZ(66.8679, 75.6051,
69.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E7CE
RGB	212, 231, 206
RGB Percent	83%, 91%, 81%
CMY	0.1686, 0.0941, 0.1921
CMYK	0.08, 0.00, 0.11, 0.09
HSL	106°, 34%, 86%
HSV	106°, 11%, 91%
XYZ	66.8679, 75.6051, 69.4615
YIQ	222.4690, -3.2990, -11.8030

Conversions

Conversions Part 2

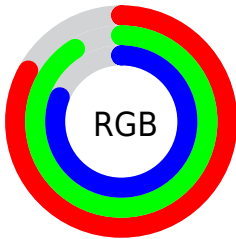
Format	Color
R_{YB}	206, 231, 225
Decimal	13952974
CIE _{Lab}	89.68, -10.80, 10.03
CIE _{LCh}	90, 14.741, 137.126
Yxy	75.6051, 0.3155, 0.3567
Android (android.graphics.Color)	4292143054 (0xFFD4E7CE)
YUV	222.4690, -8.1192, -9.1813
Hunter-Lab	86.9512, -14.8931, 13.5017

Details

The XYZ color **66.8679, 75.6051, 69.4615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5494, 65.9218, 84.7691**, and the grayscale version is **69.8219, 73.4580, 79.9958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9021, 40.0950, 35.6053** is the 20% darker color. If you saturate the color by 10%, you get **59.4766, 72.0977, 55.5274**, and if you desaturate by 10%, it is **75.2263, 79.5678, 85.5970**.

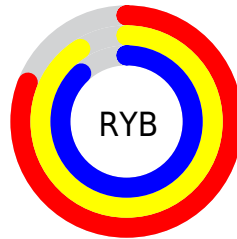
Distribution



Red (83%)

Green (91%)

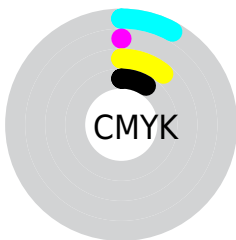
Blue (81%)



Red (81%)

Yellow (91%)

Blue (88%)

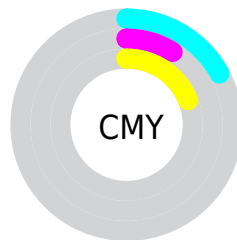


Cyan (8%)

Magenta (0%)

Yellow (11%)

Black (9%)



Cyan (17%)

Magenta (9%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8679, 75.6051, 69.4615 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 66.8679, 75.6051, 69.4615 by changing the saturation by 10% instead.

■ 66.8679, 75.6051,
69.4615

■ 66.8679, 75.6051,
69.4615

438.9143,
479.9948, 477.3949

■ 49.2476, 56.1088,
50.6136

113.7819,
127.1685, 120.1144

■ 35.0313, 40.2901,
35.5266

143.8064,
160.0044, 152.7564

■ 23.8536, 27.7648,
23.7820

178.6962,
198.0556, 190.8336

■ 15.3492, 18.1485,
14.9613

218.8169,
241.7065, 234.7644

■ 9.1527, 11.0566,
8.6459

264.5337,
291.3414, 284.9674

■ 4.8988, 6.1049,
4.4173

316.2119,

■ 2.2222, 2.9090,

347.3449, 341.8611

1.8569

374.2170,
410.1012, 405.8641

0.7544, 1.0844,
0.4651

0.0000, 0.0000,
0.0000

66.8679, 75.6051,
69.4615

66.8679, 75.6051,
69.4615

59.4766, 72.0977,
55.5274

75.2263, 79.5678,
85.5970

53.0107, 69.0196,
43.6946

84.5791, 83.9913,
104.0183

47.4346, 66.3569,
33.8624

87.8674, 85.6348,
106.5058

42.7080, 64.0911,
25.9203

■ 38.7872, 62.2025,
19.7466

■ 35.6246, 60.6693,
15.2059

■ 33.1669, 59.4676,
12.1427

■ 31.3530, 58.5698,
10.3717

■ 30.1766, 57.9792,
9.6006

Harmonies

Analogous

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



69.8254, 75.6051, 64.6651



66.8679, 75.6051, 69.4615



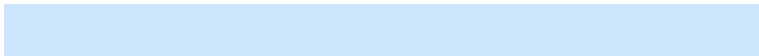
65.2715, 75.6051, 77.9493

Triad

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



66.8679, 75.6051, 69.4615



70.3172, 75.6051, 103.3757



78.7358, 75.6051, 76.5764

Complementary

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



66.8679, 75.6051, 69.4615



67.5494, 65.9218, 84.7691

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.



78.8783, 75.6051, 86.8534



66.8679, 75.6051, 69.4615



73.9345, 75.6051, 102.9296

Square

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



66.8679, 75.6051, 69.4615



67.2174, 75.6051, 97.8490



77.0954, 75.6051, 96.6773



76.7123, 75.6051, 68.5295

Rectangle

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



66.8679, 75.6051, 69.4615



65.1577, 75.6051, 84.8248



77.0954, 75.6051, 96.6773



79.0077, 75.6051, 79.8672

Sweetspot

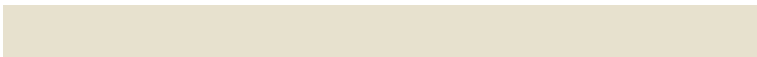
The Sweet Spot groups the original color and five complimentary colors.



66.8700, 75.6083, 69.4632



91.7357, 98.4309, 102.4432



70.9564, 75.1639, 69.1620



19.4497, 20.9804, 21.5671



0.0000, 0.0000, 0.0000



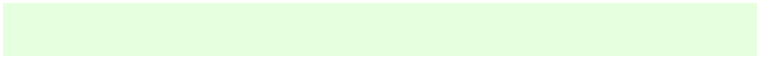
20.3446, 21.4041, 23.3091

Same Dimension

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



66.8700, 75.6083, 69.4632



81.4951, 93.5765, 82.7687



65.9471, 75.0431, 73.4636



14.5115, 16.2552, 15.2772



17.0092, 32.5501, 5.3863



1.3388, 2.4475, 0.4019

Inverse Universe

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



67.5494, 65.9218, 84.7691



82.5053, 79.1654, 105.5397



68.5856, 66.5562, 80.2904



14.6394, 14.4319, 18.1584



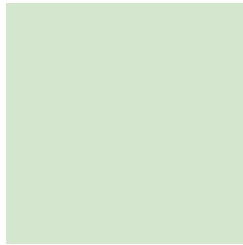
18.1859, 8.4411, 43.0540



1.4253, 0.6657, 3.1853

Previews

White Background



This preview shows how the XYZ color 66.8679, 75.6051, 69.4615 looks on a white background.

Color Contrast Check

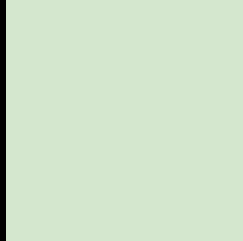
Large Text (above 18pt) WCAG AA × Fail

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 66.8679, 75.6051, 69.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

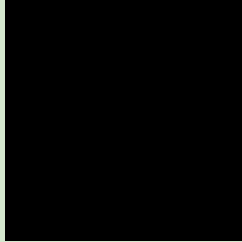
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

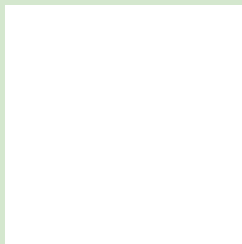
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8679, 75.6051, 69.4615

Background



This preview shows how black text looks on a background with the XYZ color 66.8679, 75.6051, 69.4615.



This preview shows how white text looks on a background with the XYZ color 66.8679, 75.6051,

69.4615.

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

66.8679, 75.6051, 69.4615

Protanopia

71.3668, 75.1155, 67.2372

Deuteranopia

76.8295, 75.1118, 70.7703



Tritanopia

72.2875, 75.7692, 95.6090

Trichromacy



Original Color

66.8679, 75.6051, 69.4615

Protanomaly

69.7322, 75.4666, 68.0180

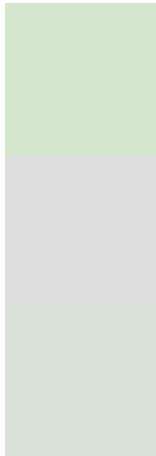
Deuteranomaly

72.7663, 74.9738, 70.3107

Tritanomaly

70.3452, 75.7989, 85.7860

Monochromacy



Original Color

66.8679, 75.6051, 69.4615

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.2333, 73.7137, 75.5976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8679, 75.6051, 69.4615 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(212, 231, 206) looks like.

```
.text, #text, p{  
    color:rgb(212, 231, 206)  
}
```

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(212, 231, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 231, 206) }
```

Border

The CSS property to change the border of an element to XYZ 66.8679, 75.6051, 69.4615 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(212, 231, 206) }
```


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

```
.border{ border-color:rgb(212, 231, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 231, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 231, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 231, 206); box-shadow:4px 4px 4px 4px rgb(212, 231, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8679, 75.6051, 69.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 231, 206) }
```

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

```
.background{ background-color: rgb(212,  
231, 206) }
```

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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