

Converting Colors

XYZ(67.6027, 75.4776, 76.2607)

Have a look what the booklet for
XYZ(67.6027, 75.4776, 76.2607)
contains.

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Color

**XYZ(67.5555, 75.4004,
75.9589)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E6D8
RGB	211, 230, 216
RGB Percent	83%, 90%, 85%
CMY	0.1725, 0.0980, 0.1529
CMYK	0.08, 0.00, 0.06, 0.10
HSL	136°, 28%, 86%
HSV	136°, 8%, 90%
XYZ	67.5555, 75.4004, 75.9589
YIQ	222.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

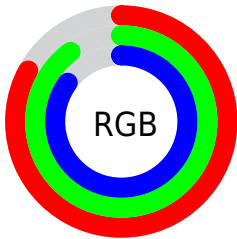
Format	Color
RYB	211, 226, 230
Decimal	13887192
CIELab	89.58, -8.87, 4.66
CIElCh	90, 10.019, 152.312
Yxy	75.4004, 0.3086, 0.3444
Android (android.graphics.Color)	4292077272 (0xFFD3E6D8)
YUV	222.7230, -3.3144, -10.2811
Hunter-Lab	86.8334, -13.0873, 8.9185

Details

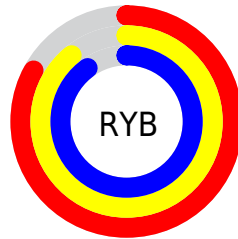
The XYZ color **67.5555, 75.4004, 75.9589** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5208, 68.8498, 80.8631**, and the grayscale version is **69.9707, 73.6147, 80.1664**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2794, 39.9132, 39.5628** is the 20% darker color. If you saturate the color by 10%, you get **59.3525, 71.4140, 64.7210**, and if you desaturate by 10%, it is **76.9316, 79.9697, 88.4348**.

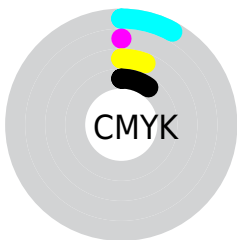
Distribution



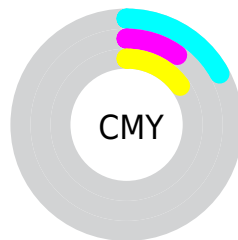
- Red (83%)
- Green (90%)
- Blue (85%)



- Red (83%)
- Yellow (89%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5555, 75.4004, 75.9589 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 67.5555, 75.4004, 75.9589 by changing the saturation by 10% instead.

67.5555, 75.4004,
75.9589

67.5555, 75.4004,
75.9589

441.3210,
479.2927, 500.5501

49.8086, 55.9410,
55.8924

114.7614,
126.8790, 129.4284

35.4785, 40.1556,
39.7132

144.9511,
159.6669, 163.6684

24.1999, 27.6599,
27.0029

180.0191,
197.6665, 203.4699

15.6075, 18.0694,
17.3430

220.3308,
241.2621, 249.2516

9.3359, 10.9998,
10.3148

266.2514,
290.8381, 301.4319

5.0198, 6.0667,
5.4998

318.1464,

2.2938, 2.8857,

346.7790, 360.4294

2.4796

376.3812,
409.4690, 426.6626

■ 0.7915, 1.0724,
0.8293

■ 0.0000, 0.0000,
0.0000

■ 67.5555, 75.4004,
75.9589

■ 67.5555, 75.4004,
75.9589

■ 59.3525, 71.4140,
64.7210

■ 76.9316, 79.9697,
88.4348

■ 52.2697, 67.9776,
54.6783

■ 86.7778, 84.7523,
102.1450

■ 46.2593, 65.0696,
45.7928

■ 87.5883, 85.0765,
106.4128

■ 41.2676, 62.6631,
38.0227

■ 37.2362, 60.7289,
31.3235

■ 34.1006, 59.2349,
25.6479

■ 31.7880, 58.1444,
20.9448

■ 30.2134, 57.4148,
17.1589

■ 29.2584, 56.9864,
14.2279

Harmonies

Analogous

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



69.1653, 75.4004, 71.1657



67.5555, 75.4004, 75.9589



67.0394, 75.4004, 82.6464

Triad

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



67.5555, 75.4004, 75.9589



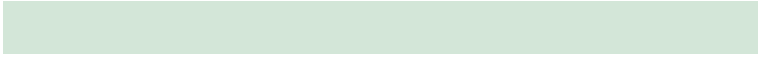
71.8570, 75.4004, 96.4023



75.7412, 75.4004, 75.0629

Complementary

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



67.5555, 75.4004, 75.9589



69.5208, 68.8498, 80.8631

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.



76.5003, 75.4004, 81.5525



67.5555, 75.4004, 75.9589



74.2259, 75.4004, 94.0967

Square

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



67.5555, 75.4004, 75.9589



69.4888, 75.4004, 94.6969



75.9396, 75.4004, 88.5597



73.8878, 75.4004, 70.6696

Rectangle

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



67.5555, 75.4004, 75.9589



67.3753, 75.4004, 87.3533



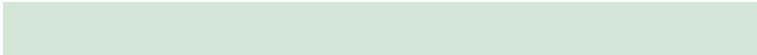
75.9396, 75.4004, 88.5597



76.1347, 75.4004, 77.0583

Sweetspot

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



67.5576, 75.4036, 75.9606



92.5993, 98.8058, 105.6577



71.1870, 77.3482, 72.8069



19.8457, 21.1610, 22.6492



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.



67.5576, 75.4036, 75.9606



83.4036, 94.3287, 93.3278



68.7881, 75.8958, 82.4400



14.3442, 16.1511, 16.0775



16.5324, 32.2451, 8.0382



1.2592, 2.3978, 0.7915

Inverse Universe

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



69.5208, 68.8498, 80.8631



86.3863, 84.3711, 100.7758



68.2922, 68.3583, 74.3933



14.8247, 14.5471, 17.2773



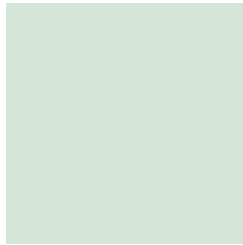
22.6082, 11.1775, 22.6294



1.7084, 0.8411, 1.8708

Previews

White Background



This preview shows how the XYZ color 67.5555, 75.4004, 75.9589 looks on a white background.

Color Contrast Check

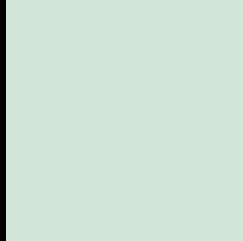
Large Text (above 18pt) WCAG AA × Fail

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 67.5555, 75.4004, 75.9589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

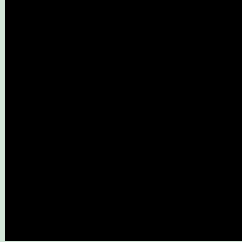
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

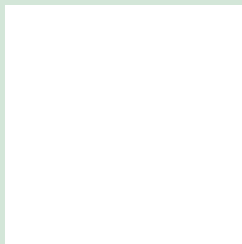
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5555, 75.4004, 75.9589

Background



This preview shows how black text looks on a background with the XYZ color 67.5555, 75.4004, 75.9589.



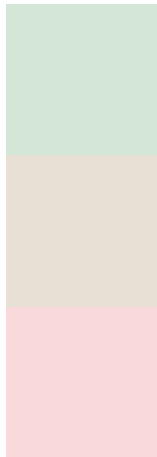
This preview shows how white text looks on a background with the XYZ color 67.5555, 75.4004,

75.9589.

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

67.5555, 75.4004, 75.9589

Protanopia

71.9446, 75.2712, 73.6877

Deuteranopia

76.6660, 74.8799, 77.4304



Tritanopia

71.8444, 75.5233, 96.3788

Trichromacy



Original Color

67.5555, 75.4004, 75.9589

Protanomaly

70.0744, 75.0950, 74.4198

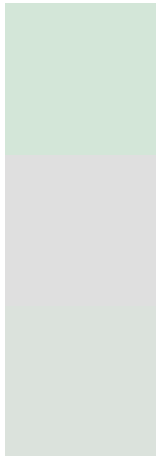
Deuteranomaly

73.0371, 74.9667, 76.9502

Tritanomaly

70.0519, 75.1748, 88.6600

Monochromacy



Original Color

67.5555, 75.4004, 75.9589

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.3280, 74.6201, 78.4593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5555, 75.4004, 75.9589 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, 230, 216)` looks like.

```
.text, #text, p{  
    color:rgb(211, 230, 216)  
}
```

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, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 230, 216) }
```

Border

The CSS property to change the border of an element to XYZ 67.5555, 75.4004, 75.9589 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, 230, 216) }
```


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

```
.border{ border-color:rgb(211, 230, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 230, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 230,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5555, 75.4004, 75.9589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 230, 216) }
```

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

```
.background{ background-color: rgb(211,  
230, 216) }
```

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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