

Converting Colors

XYZ(67.3830, 75.5509, 78.9853)

Have a look what the booklet for
XYZ(67.3830, 75.5509, 78.9853)
contains.

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Color

**XYZ(67.5066, 75.7290,
78.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E7DC
RGB	208, 231, 220
RGB Percent	82%, 91%, 86%
CMY	0.1843, 0.0941, 0.1372
CMYK	0.10, 0.00, 0.05, 0.09
HSL	151°, 32%, 86%
HSV	151°, 10%, 91%
XYZ	67.5066, 75.7290, 78.7693
YIQ	222.8690, -10.1770, -8.2970

Conversions

Conversions Part 2

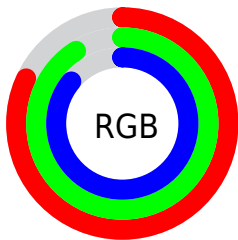
Format	Color
R _Y B	208, 223, 231
Decimal	13690844
CIE Lab	89.73, -9.64, 2.76
CIE LCh	90, 10.027, 164.032
Yxy	75.7290, 0.3041, 0.3411
Android (android.graphics.Color)	4291880924 (0xFFD0E7DC)
YUV	222.8690, -1.4144, -13.0401
Hunter-Lab	87.0224, -13.8200, 7.2487

Details

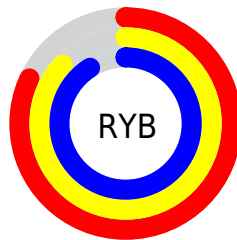
The XYZ color **67.5066, 75.7290, 78.7693** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.2998, 67.2171, 76.3958**, and the grayscale version is **70.0629, 73.7116, 80.2720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4479, 40.2466, 41.4974** is the 20% darker color. If you saturate the color by 10%, you get **60.0637, 72.0577, 71.0331**, and if you desaturate by 10%, it is **75.9964, 79.9330, 87.0627**.

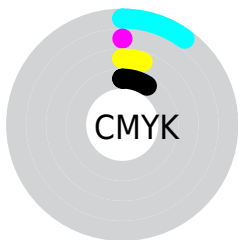
Distribution



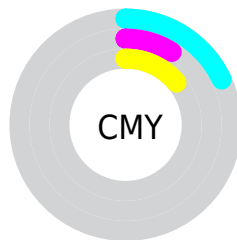
- Red (82%)
- Green (91%)
- Blue (86%)



- Red (82%)
- Yellow (87%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5066, 75.7290, 78.7693 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 67.5066, 75.7290, 78.7693 by changing the saturation by 10% instead.

67.5066, 75.7290,
78.7693

67.5066, 75.7290,
78.7693

441.1501,
480.4195, 510.3725

49.7686, 56.2103,
58.1860

114.6918,
127.3438, 133.4298

35.4467, 40.3716,
41.5425

144.8698,
160.2086, 168.3439

24.1753, 27.8284,
28.4203

179.9251,
198.2910, 208.8721

15.5891, 18.1963,
18.4009

220.2232,
241.9753, 255.4329

9.3229, 11.0910,
11.0658

266.1294,
291.6459, 308.4448

5.0112, 6.1281,
5.9964

318.0090,

2.2886, 2.9231,

347.6872, 368.3263

2.7741

376.2275,
410.4836, 435.4961

■ 0.7888, 1.0917,
0.9805

■ 0.0000, 0.0000,
0.0000

■ 67.5066, 75.7290,
78.7693

■ 67.5066, 75.7290,
78.7693

■ 60.0637, 72.0577,
71.0331

■ 75.9964, 79.9330,
87.0627

■ 53.6189, 68.8879,
63.8374

■ 85.5669, 84.6807,
95.9195

■ 48.1286, 66.1994,
57.1717

■ 87.5711, 85.5162,
104.9458

■ 43.5436, 63.9670,
51.0235

■ 87.8673, 85.6347,
106.5058

■ 39.8100, 62.1634,
45.3796

■ 36.8679, 60.7577,
40.2262

■ 34.6491, 59.7151,
35.5487

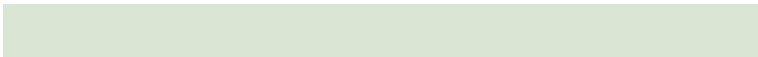
■ 33.0729, 58.9942,
31.3313

■ 32.0023, 58.5248,
27.5553

Harmonies

Analogous

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



68.7263, 75.7290, 73.0557



67.5066, 75.7290, 78.7693



67.4668, 75.7290, 85.7991

Triad

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



67.5066, 75.7290, 78.7693



73.1362, 75.7290, 96.3728



75.4481, 75.7290, 73.3561

Complementary

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



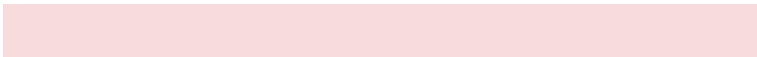
67.5066, 75.7290, 78.7693



68.2998, 67.2171, 76.3958

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.



76.6863, 75.7290, 79.2009



67.5066, 75.7290, 78.7693



75.3310, 75.7290, 92.6300

Square

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



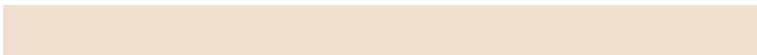
67.5066, 75.7290, 78.7693



70.6791, 75.7290, 96.2408



76.6429, 75.7290, 86.2560



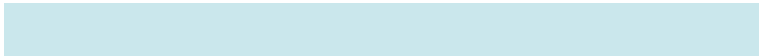
73.2930, 75.7290, 70.0546

Rectangle

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



67.5066, 75.7290, 78.7693



68.1124, 75.7290, 90.3074



76.6429, 75.7290, 86.2560



75.9875, 75.7290, 75.0734

Sweetspot

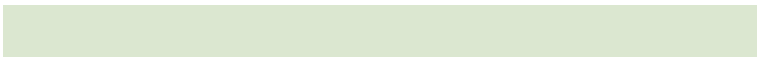
The Sweet Spot groups the original color and five complimentary colors.



67.5087, 75.7322, 78.7710



91.7077, 98.3444, 105.6975



69.2123, 76.7875, 70.8492



19.4424, 20.9573, 22.4427



0.0000, 0.0000, 0.0000



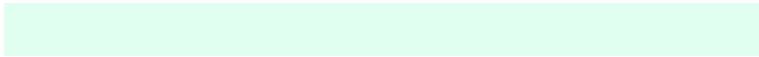
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5087, 75.7322, 78.7710



82.4067, 93.7441, 96.4720



68.9076, 76.1202, 86.6659



14.5018, 16.2141, 16.9071



18.0010, 32.8325, 15.7715



1.3771, 2.4450, 1.4124

Inverse Universe

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



68.2998, 67.2171, 76.3958



83.5888, 81.0208, 92.9232



66.9919, 66.8437, 69.0469



14.6627, 14.4823, 16.4240



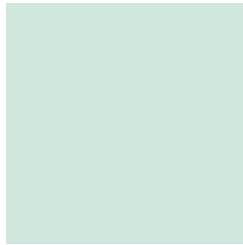
20.1300, 10.1862, 9.5797



1.5343, 0.7714, 0.9539

Previews

White Background



This preview shows how the XYZ color 67.5066, 75.7290, 78.7693 looks on a white background.

Color Contrast Check

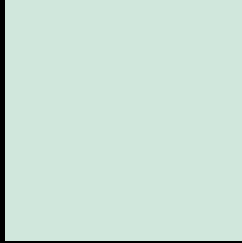
Large Text (above 18pt) WCAG AA × Fail

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 67.5066, 75.7290, 78.7693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

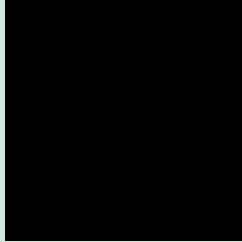
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

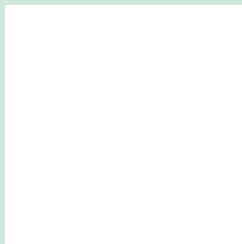
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5066, 75.7290, 78.7693

Background



This preview shows how black text looks on a background with the XYZ color 67.5066, 75.7290, 78.7693.



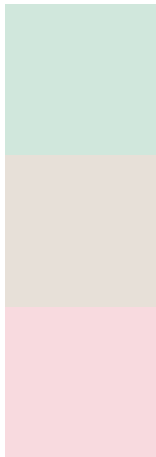
This preview shows how white text looks on a background with the XYZ color 67.5066, 75.7290,

78.7693.

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

67.5066, 75.7290, 78.7693

Protanopia

72.0053, 75.2581, 75.6969

Deuteranopia

77.1021, 75.4270, 80.3072



Tritanopia

71.1019, 75.5278, 97.2171

Trichromacy



Original Color

67.5066, 75.7290, 78.7693

Protanomaly

70.4249, 75.6359, 76.5330

Deuteranomaly

73.1768, 75.3729, 79.7988

Tritanomaly

69.7477, 75.3918, 90.2329

Monochromacy



Original Color

67.5066, 75.7290, 78.7693

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.2946, 74.5721, 79.8489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5066, 75.7290, 78.7693 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(208, 231, 220)` looks like.

```
.text, #text, p{  
    color:rgb(208, 231, 220)  
}
```

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(208, 231, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 231, 220) }
```

Border

The CSS property to change the border of an element to XYZ 67.5066, 75.7290, 78.7693 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(208, 231, 220) }
```


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

```
.border{ border-color:rgb(208, 231, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 231, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 231, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 231, 220);  
box-shadow:4px 4px 4px 4px rgb(208, 231,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5066, 75.7290, 78.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 231, 220) }
```

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

```
.background{ background-color: rgb(208,  
231, 220) }
```

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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