

Converting Colors

XYZ(66.4449, 72.8034, 77.3856)

Have a look what the booklet for
XYZ(66.4449, 72.8034, 77.3856)
contains.

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Color

**XYZ(66.5754, 72.8138,
77.5634)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E1DB
RGB	211, 225, 219
RGB Percent	83%, 88%, 86%
CMY	0.1725, 0.1176, 0.1412
CMYK	0.06, 0.00, 0.03, 0.12
HSL	154°, 19%, 85%
HSV	154°, 6%, 88%
XYZ	66.5754, 72.8138, 77.5634
YIQ	220.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

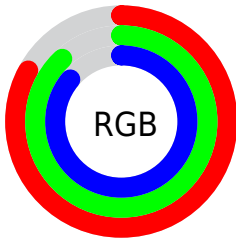
Format	Color
RYB	211, 220, 225
Decimal	13885915
CIELab	88.36, -5.78, 1.31
CIELCh	88, 5.923, 167.226
Yxy	72.8138, 0.3069, 0.3356
Android (android.graphics.Color)	4292075995 (0xFFD3E1DB)
YUV	220.1300, -0.5571, -8.0070
Hunter-Lab	85.3310, -10.0632, 5.8388

Details

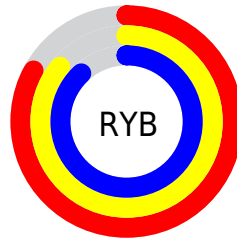
The XYZ color **66.5754, 72.8138, 77.5634** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8727, 67.6078, 75.1743**, and the grayscale version is **68.1270, 71.6749, 78.0539**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7859, 38.4977, 40.7193** is the 20% darker color. If you saturate the color by 10%, you get **59.3420, 69.2294, 70.7874**, and if you desaturate by 10%, it is **74.7888, 76.8990, 84.7725**.

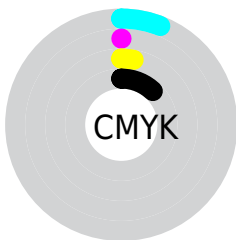
Distribution



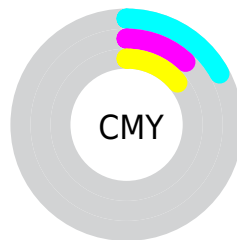
- Red (83%)
- Green (88%)
- Blue (86%)



- Red (83%)
- Yellow (86%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5754, 72.8138, 77.5634 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 66.5754, 72.8138, 77.5634 by changing the saturation by 10% instead.

■ 66.5754, 72.8138,
77.5634

■ 66.5754, 72.8138,
77.5634

437.8882,
470.3692, 506.1714

■ 49.0091, 53.8237,
57.2011

113.3650,
123.2128, 131.7147

■ 34.8412, 38.4608,
40.7563

143.3189,
155.3906, 166.3408

■ 23.7065, 26.3405,
27.8104

178.1327,
192.7330, 206.5586

■ 15.2396, 17.0785,
17.9450

218.1719,
235.6245, 252.7866

■ 9.0752, 10.2905,
10.7415

263.8016,
284.4495, 305.4433

■ 4.8477, 5.5920,
5.7813

315.3873,

■ 2.1920, 2.5986,

339.5924, 364.9473

2.6459

373.2944,
401.4375, 431.7172

■ 0.7385, 0.9260,
0.9160

■ 0.0000, 0.0000,
0.0000

■ 66.5754, 72.8138,
77.5634

■ 66.5754, 72.8138,
77.5634

■ 59.3420, 69.2294,
70.7874

■ 74.7888, 76.8990,
84.7725

■ 53.0439, 66.1168,
64.4314

■ 83.6425, 81.3036,
92.4006

■ 47.6422, 63.4580,
58.4886

■ 85.1007, 81.8868,
100.0792

■ 43.0924, 61.2304,
52.9500

■ 86.2166, 82.3332,
105.9555

■ 39.3464, 59.4092,
47.8064

■ 36.3509, 57.9672,
43.0481

■ 34.0459, 56.8735,
38.6649

■ 32.3614, 56.0924,
34.6458

■ 31.2104, 55.5790,
30.9788

Harmonies

Analogous

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



67.2200, 72.8138, 74.0831



66.5754, 72.8138, 77.5634



66.6290, 72.8138, 81.6231

Triad

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



66.5754, 72.8138, 77.5634



70.0201, 72.8138, 86.9973



71.0804, 72.8138, 73.6727

Complementary

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



66.5754, 72.8138, 77.5634



66.8727, 67.6078, 75.1743

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.



71.8514, 72.8138, 76.9858



66.5754, 72.8138, 77.5634



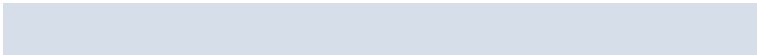
71.2334, 72.8138, 84.7183

Square

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



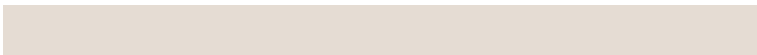
66.5754, 72.8138, 77.5634



68.6047, 72.8138, 87.1649



71.9077, 72.8138, 81.0255



69.8135, 72.8138, 71.8891

Rectangle

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



66.5754, 72.8138, 77.5634



67.0534, 72.8138, 84.1131



71.9077, 72.8138, 81.0255



71.4069, 72.8138, 74.6393

Sweetspot

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



66.5775, 72.8169, 77.5650



92.8484, 98.9055, 106.9699



67.3207, 73.3189, 72.2329



19.8965, 21.1813, 22.9163



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.



66.5775, 72.8169, 77.5650



87.5773, 96.2872, 102.2465



67.1307, 72.6354, 81.7197



14.1611, 15.6196, 16.5542



17.8409, 31.9612, 17.4170



1.2812, 2.2332, 1.4421

Inverse Universe

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



66.8727, 67.6078, 75.1743



88.0189, 88.4958, 98.6706



66.3383, 67.7662, 71.2129



14.2378, 14.2661, 15.9330



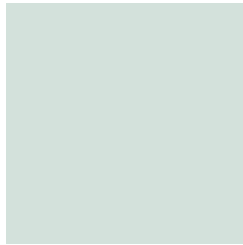
19.1781, 9.7382, 7.6035



1.3735, 0.6927, 0.7597

Previews

White Background



This preview shows how the XYZ color 66.5754, 72.8138, 77.5634 looks on a white background.

Color Contrast Check

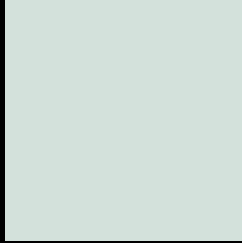
Large Text (above 18pt) WCAG AA × Fail

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 66.5754, 72.8138, 77.5634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

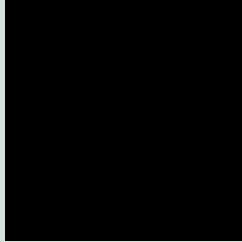
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

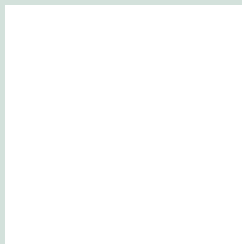
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5754, 72.8138, 77.5634

Background



This preview shows how black text looks on a background with the XYZ color 66.5754, 72.8138, 77.5634.

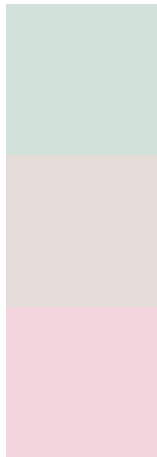


This preview shows how white text looks on a background with the XYZ color 66.5754, 72.8138,

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

66.5754, 72.8138, 77.5634

Protanopia

69.6664, 72.4752, 75.2830

Deuteranopia

74.0599, 72.3683, 78.4717



Tritanopia

69.4328, 72.7707, 92.0480

Trichromacy



Original Color

66.5754, 72.8138, 77.5634

Protanomaly

68.4645, 72.6245, 76.0551

Deuteranomaly

70.9447, 72.2990, 77.9261

Tritanomaly

68.3937, 72.7477, 86.7809

Monochromacy



Original Color

66.5754, 72.8138, 77.5634

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6548, 72.1616, 78.0729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5754, 72.8138, 77.5634 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, 225, 219) looks like.

```
.text, #text, p{  
    color:rgb(211, 225, 219)  
}
```

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, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 225, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.5754, 72.8138, 77.5634 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, 225, 219) }
```


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

```
.border{ border-color:rgb(211, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(211, 225,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5754, 72.8138, 77.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 225, 219) }
```

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

```
.background{ background-color: rgb(211,  
225, 219) }
```

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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