

Converting Colors

XYZ(66.0530, 77.3579, 86.3131)

Have a look what the booklet for
XYZ(66.0530, 77.3579, 86.3131)
contains.

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Color

**XYZ(66.0530, 77.3579,
86.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	BFED66
RGB	191, 237, 230
RGB Percent	75%, 93%, 90%
CMY	0.2510, 0.0706, 0.0980
CMYK	0.19, 0.00, 0.03, 0.07
HSL	171°, 56%, 84%
HSV	171°, 19%, 93%
XYZ	66.0530, 77.3579, 86.3131
YIQ	222.4480, -25.1690, -11.9290

Conversions

Conversions Part 2

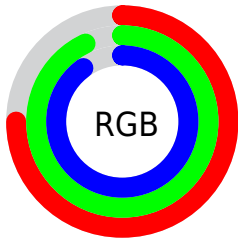
Format	Color
R_{YB}	191, 216, 237
Decimal	12578278
CIE _{Lab}	90.49, -16.11, -1.50
CIE _{LCh}	90, 16.180, 185.325
Yxy	77.3579, 0.2875, 0.3367
Android (android.graphics.Color)	4290768358 (0xFFBFEDE6)
YUV	222.4480, 3.7231, -27.5799
Hunter-Lab	87.9533, -19.8648, 3.3830

Details

The XYZ color **66.0530, 77.3579, 86.3131** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.7517, 59.3455, 61.5242**, and the grayscale version is **69.7369, 73.3687, 79.8985**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **34.5783, 41.4613, 46.7378** is the 20% darker color. If you saturate the color by 10%, you get **60.0674, 74.3322, 83.4167**, and if you desaturate by 10%, it is **73.0180, 80.8914, 89.3134**.

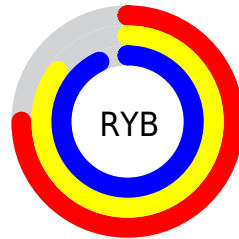
Distribution



Red (75%)

Green (93%)

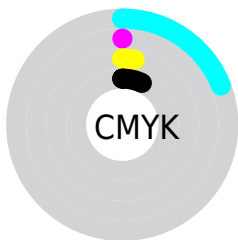
Blue (90%)



Red (75%)

Yellow (85%)

Blue (93%)

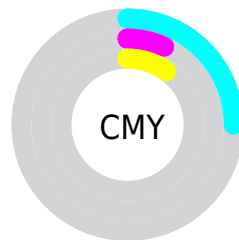


Cyan (19%)

Magenta (0%)

Yellow (3%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0530, 77.3579, 86.3131 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 66.0530, 77.3579, 86.3131 by changing the saturation by 10% instead.

66.0530, 77.3579,
86.3131

66.0530, 77.3579,
86.3131

436.0521,
485.9834, 536.2205

48.5833, 57.5467,
64.3705

112.6197,
129.6446, 144.0967

34.5022, 41.4443,
46.5027

142.4474,
162.8888, 180.7749

23.4444, 28.6664,
32.2912

177.1252,
201.3795, 223.2020

15.0445, 18.8286,
21.3174

217.0183,
245.5010, 271.7966

8.9371, 11.5465,
13.1627

262.4922,
295.6378, 326.9772

4.7570, 6.4357,
7.4086

313.9123,

2.1387, 3.1118,

352.1742, 389.1623

3.6366

371.6437,
415.4946, 458.7706

■ 0.7101, 1.1904,
1.4282

■ 0.0000, 0.0538,
0.1636

■ 66.0530, 77.3579,
86.3131

■ 66.0530, 77.3579,
86.3131

■ 60.0674, 74.3322,
83.4167

■ 73.0180, 80.8914,
89.3134

■ 55.0081, 71.7808,
80.6164


■ 80.9990, 84.9454,
92.4146

■ 50.8272, 69.6810,
77.9114


■ 87.3767, 88.1716,
95.4962


■ 47.4697, 68.0045,
75.2986


■ 87.9207, 88.3892,
98.3606


 44.8743, 66.7197,
72.7750


 88.4753, 88.6110,
101.2814


 42.9713, 65.7906,
70.3369

 89.0408, 88.8372,
104.2591

 41.6777, 65.1746,
67.9800

 89.5756, 89.0511,
107.0752

 40.8619, 64.8037,
65.6979

 40.8193, 64.7846,
65.5651

Harmonies

Analogous

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



66.6848, 77.3579, 75.2710



66.0530, 77.3579, 86.3131



67.3632, 77.3579, 97.7726

Triad

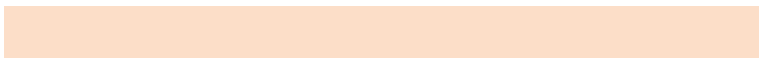
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.0530, 77.3579, 86.3131



78.1145, 77.3579, 103.7357



76.8204, 77.3579, 65.5717

Complementary

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



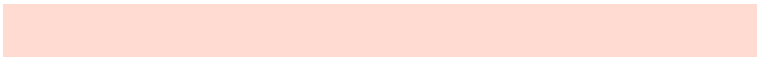
66.0530, 77.3579, 86.3131



63.7517, 59.3455, 61.5242

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.



80.0545, 77.3579, 71.9987



66.0530, 77.3579, 86.3131



80.8206, 77.3579, 93.8723

Square

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



66.0530, 77.3579, 86.3131



74.2503, 77.3579, 108.4043



81.5432, 77.3579, 82.1799



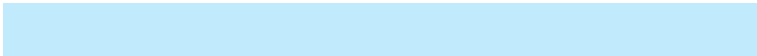
72.8071, 77.3579, 63.9460

Rectangle

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



66.0530, 77.3579, 86.3131



69.1908, 77.3579, 103.9022



81.5432, 77.3579, 82.1799



78.0393, 77.3579, 67.2115

Sweetspot

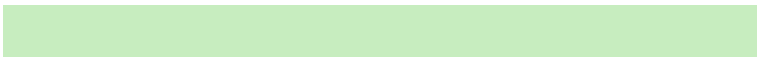
The Sweet Spot groups the original color and five complimentary colors.



66.0552, 77.3611, 86.3148



89.2706, 97.0637, 106.6839



63.1554, 76.4298, 60.7154



18.9787, 20.7102, 22.7837



0.0000, 0.0000, 0.0000



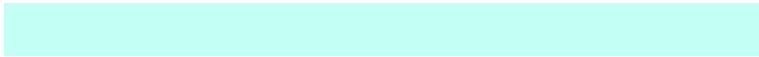
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0552, 77.3611, 86.3148



75.2616, 89.9610, 100.6438



62.8071, 69.2592, 90.1825



15.4134, 17.0802, 18.8597



22.3242, 35.3842, 36.0020



1.7797, 2.7892, 2.9675

Inverse Universe

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



63.7517, 59.3455, 61.5242



72.1121, 65.3192, 66.7412



66.4833, 66.0719, 58.5408



15.1589, 15.0914, 16.1222



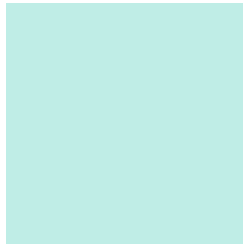
19.2722, 9.9116, 1.9687



1.5419, 0.7897, 0.3053

Previews

White Background



This preview shows how the XYZ color 66.0530, 77.3579, 86.3131 looks on a white background.

Color Contrast Check

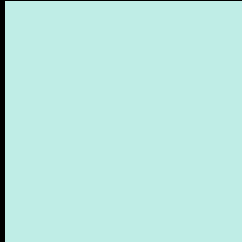
Large Text (above 18pt) WCAG AA × Fail

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 66.0530, 77.3579, 86.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

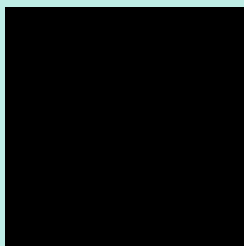
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

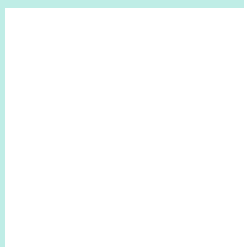
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0530, 77.3579, 86.3131

Background



This preview shows how black text looks on a background with the XYZ color 66.0530, 77.3579, 86.3131.

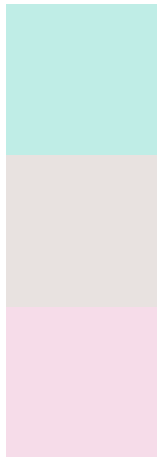


This preview shows how white text looks on a background with the XYZ color 66.0530, 77.3579,

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

66.0530, 77.3579, 86.3131

Protanopia

73.9296, 76.9303, 81.4735

Deuteranopia

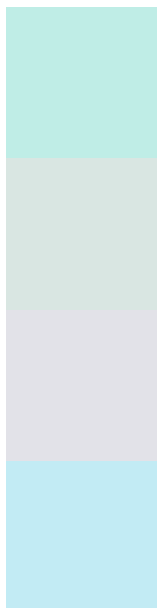
78.3072, 76.6624, 87.7609



Tritanopia

69.4992, 77.4760, 103.3868

Trichromacy



Original Color

66.0530, 77.3579, 86.3131

Protanomaly

70.6396, 76.8363, 83.0593

Deuteranomaly

73.1259, 76.3877, 87.2341

Tritanomaly

68.2856, 77.4176, 96.9320

Monochromacy



Original Color

66.0530, 77.3579, 86.3131

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.9237, 74.2233, 81.9807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0530, 77.3579, 86.3131 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(191, 237, 230)` looks like.

```
.text, #text, p{  
    color:rgb(191, 237, 230)  
}
```

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(191, 237, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 237, 230) }
```

Border

The CSS property to change the border of an element to XYZ 66.0530, 77.3579, 86.3131 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(191, 237, 230) }
```


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

```
.border{ border-color:rgb(191, 237, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 237, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 237, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 237, 230); box-shadow:4px 4px 4px 4px rgb(191, 237, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0530, 77.3579, 86.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 237, 230) }
```

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

```
.background{ background-color: rgb(191,  
237, 230) }
```

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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