

Converting Colors

XYZ(66.5666, 77.5993, 90.3894)

Have a look what the booklet for
XYZ(66.5666, 77.5993, 90.3894)
contains.

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Color

**XYZ(66.5148, 77.5137,
90.0532)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BEEDEB |
| RGB | 190, 237, 235 |
| RGB Percent | 75%, 93%, 92% |
| CMY | 0.2549, 0.0706, 0.0784 |
| CMYK | 0.20, 0.00, 0.01, 0.07 |
| HSL | 177°, 57%, 84% |
| HSV | 177°, 20%, 93% |
| XYZ | 66.5148, 77.5137, 90.0532 |
| YIQ | 222.7190, -27.3700, -10.5860 |

Conversions

Conversions Part 2

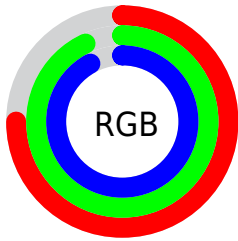
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 190, 214, 237 |
| Decimal | 12512747 |
| CIE Lab | 90.56, -15.39, -4.01 |
| CIE LCh | 91, 15.903, 194.621 |
| Yxy | 77.5137, 0.2842, 0.3311 |
| Android (android.graphics.Color) | 4290702827 (0xFFBEEDEB) |
| YUV | 222.7190, 6.0545, -28.6946 |
| Hunter-Lab | 88.0419, -19.2182, 0.9848 |

Details

The XYZ color **66.5148, 77.5137, 90.0532** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.8557, 58.6394, 57.8781**, and the grayscale version is **69.9140, 73.5550, 80.1014**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **34.8139, 41.5367, 48.8303** is the 20% darker color. If you saturate the color by 10%, you get **60.9249, 74.6509, 89.0335**, and if you desaturate by 10%, it is **73.0725, 80.8795, 91.1258**.

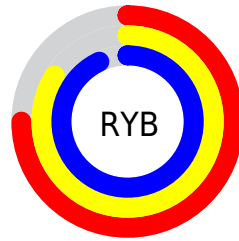
Distribution



Red (75%)

Green (93%)

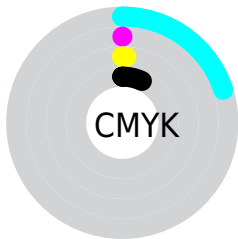
Blue (92%)



Red (75%)

Yellow (84%)

Blue (93%)

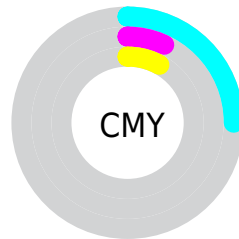


Cyan (20%)

Magenta (0%)

Yellow (1%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5148, 77.5137, 90.0532 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 66.5148, 77.5137, 90.0532 by changing the saturation by 10% instead.

66.5148, 77.5137,
90.0532

66.5148, 77.5137,
90.0532

437.6754,
486.5137, 548.7785

48.9597, 57.6746,
67.4508

113.2785,
129.8644, 149.3485

34.8019, 41.5471,
48.9872

143.2178,
163.1447, 186.8784

23.6761, 28.7468,
34.2438

178.0159,
201.6742, 230.2213

15.2170, 18.8894,
22.8021

218.0382,
245.8374, 279.7956

9.0591, 11.5904,
14.2435

263.6498,
296.0185, 336.0200

4.8372, 6.4654,
8.1495

315.2164,

2.1858, 3.1301,

352.6020, 399.3129

4.1016

373.1031,
415.9723, 470.0928

■ 0.7352, 1.2000,
1.6813

■ 0.0000, 0.0617,
0.3478

■ 66.5148, 77.5137,
90.0532

■ 66.5148, 77.5137,
90.0532

■ 60.9249, 74.6509,
89.0335

■ 73.0725, 80.8795,
91.1258

■ 56.2497, 72.2574,
88.0594


■ 80.6347, 84.7609,
92.2480


■ 52.4412, 70.3107,
87.1300


■ 86.9629, 88.0061,
93.3169


■ 49.4441, 68.7821,
86.2430


■ 87.1118, 88.0656,
94.1009


 47.1970, 67.6402,
85.3954

 87.2615, 88.1255,
94.8893


 45.6297, 66.8485,
84.5838


 87.4120, 88.1857,
95.6822


 44.6587, 66.3642,
83.8045

 87.5634, 88.2463,
96.4794

 44.1448, 66.1154,
83.0508

 87.7157, 88.3072,
97.2810

 44.1375, 66.1119,
83.0382

 87.8687, 88.3684,
98.0871

Harmonies

Analogous

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



66.5393, 77.5137, 78.7191



66.5148, 77.5137, 90.0532



68.3605, 77.5137, 100.7489

Triad

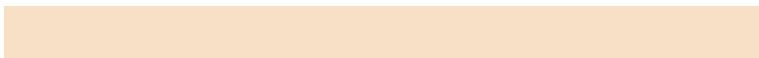
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5148, 77.5137, 90.0532



79.1816, 77.5137, 100.9800



75.7227, 77.5137, 64.9818

Complementary

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



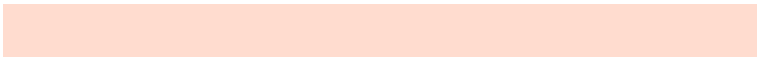
66.5148, 77.5137, 90.0532



62.8557, 58.6394, 57.8781

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.



79.2568, 77.5137, 69.9216



66.5148, 77.5137, 90.0532



81.3023, 77.5137, 90.3463

Square

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



66.5148, 77.5137, 90.0532



75.6231, 77.5137, 107.4324



81.3303, 77.5137, 78.9870



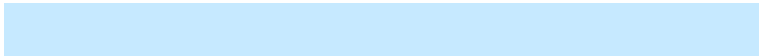
71.7596, 77.5137, 64.9187

Rectangle

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



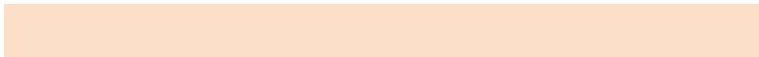
66.5148, 77.5137, 90.0532



70.4428, 77.5137, 105.7900



81.3303, 77.5137, 78.9870



77.0034, 77.5137, 66.1058

Sweetspot

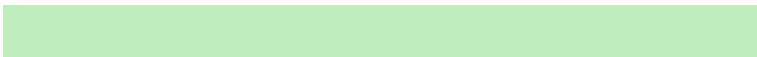
The Sweet Spot groups the original color and five complimentary colors.



66.5170, 77.5169, 90.0549



89.5386, 97.1709, 108.0950



61.4077, 75.5415, 60.0611



19.0422, 20.7356, 23.1183



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.



66.5170, 77.5169, 90.0549



75.5897, 90.0160, 105.8121



61.0410, 66.0990, 89.6656



15.4883, 17.1102, 19.2543



24.1092, 36.0982, 45.4018



1.9018, 2.8380, 3.6106

Inverse Universe

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



62.8557, 58.6394, 57.8781



70.4977, 63.7587, 61.0595



67.5536, 68.3880, 58.3564



15.0915, 15.0644, 15.7671



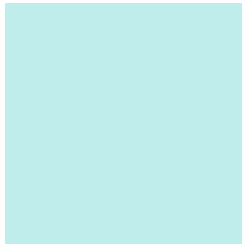
19.1101, 9.8467, 1.1150



1.5098, 0.7769, 0.1359

Previews

White Background



This preview shows how the XYZ color 66.5148, 77.5137, 90.0532 looks on a white background.

Color Contrast Check

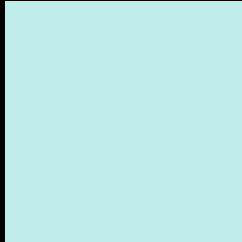
Large Text (above 18pt) WCAG AA × Fail

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 66.5148, 77.5137, 90.0532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

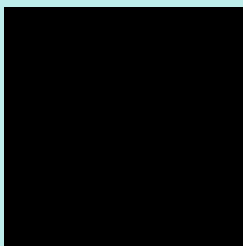
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

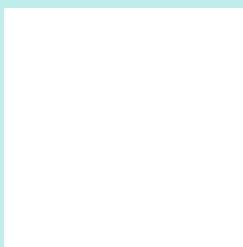
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5148, 77.5137, 90.0532

Background



This preview shows how black text looks on a background with the XYZ color 66.5148, 77.5137, 90.0532.

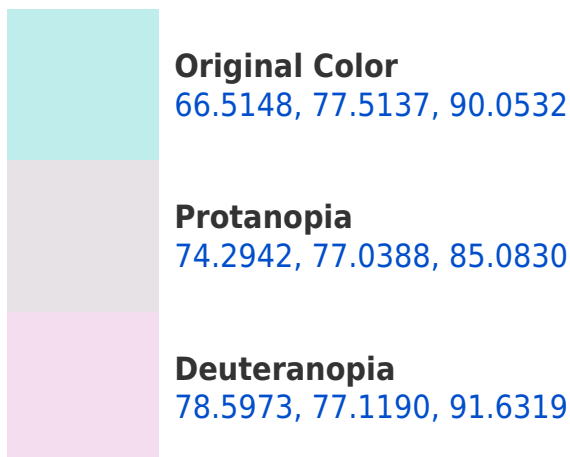


This preview shows how white text looks on a background with the XYZ color 66.5148, 77.5137,

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





Tritanopia

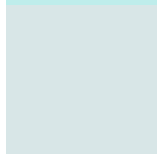
69.4006, 77.4068, 104.2117

Trichromacy



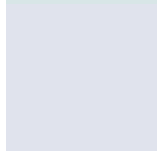
Original Color

66.5148, 77.5137, 90.0532



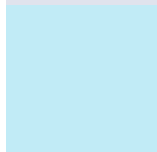
Protanomaly

71.0395, 76.9621, 86.7123



Deuteranomaly

73.4956, 76.8999, 91.0903



Tritanomaly

68.3352, 77.4079, 98.5284

Monochromacy



Original Color

66.5148, 77.5137, 90.0532



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

68.4725, 74.8817, 83.5178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5148, 77.5137, 90.0532 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(190, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(190, 237, 235)  
}
```

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(190, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 237, 235) }
```

Border

The CSS property to change the border of an element to XYZ 66.5148, 77.5137, 90.0532 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(190, 237, 235) }
```


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

```
.border{ border-color:rgb(190, 237, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 237, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(190, 237,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5148, 77.5137, 90.0532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 237, 235) }
```

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

```
.background{ background-color: rgb(190,  
237, 235) }
```

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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