

Converting Colors

XYZ(66.7462, 78.0135, 92.4291)

Have a look what the booklet for
XYZ(66.7462, 78.0135, 92.4291)
contains.

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Color

**XYZ(66.7462, 78.0135,
92.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	BCEEEE
RGB	188, 238, 238
RGB Percent	74%, 93%, 93%
CMY	0.2627, 0.0666, 0.0667
CMYK	0.21, 0.00, 0.00, 0.07
HSL	180°, 60%, 84%
HSV	180°, 21%, 93%
XYZ	66.7462, 78.0135, 92.4291
YIQ	223.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

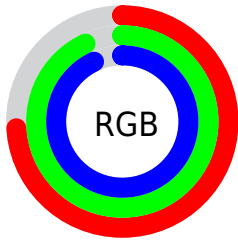
Format	Color
R _Y B	188, 213, 238
Decimal	12381934
CIE Lab	90.79, -15.86, -5.26
CIE LCh	91, 16.707, 198.339
Yxy	78.0135, 0.2814, 0.3289
Android (android.graphics.Color)	4290572014 (0xFFBCEEEE)
YUV	223.0500, 7.3704, -30.7388
Hunter-Lab	88.3253, -19.6791, -0.2171

Details

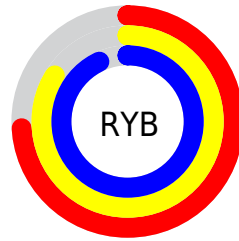
The XYZ color **66.7462, 78.0135, 92.4291** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.3230, 57.7766, 55.4475**, and the grayscale version is **70.1411, 73.7939, 80.3615**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **35.0030, 41.9016, 50.4989** is the 20% darker color. If you saturate the color by 10%, you get **61.3602, 75.2389, 92.1775**, and if you desaturate by 10%, it is **73.1037, 81.2929, 92.7294**.

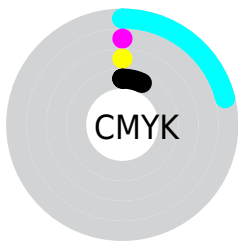
Distribution



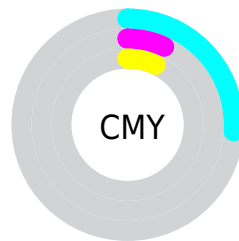
- Red (74%)
- Green (93%)
- Blue (93%)



- Red (74%)
- Yellow (84%)
- Blue (93%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (26%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7462, 78.0135, 92.4291 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 66.7462, 78.0135, 92.4291 by changing the saturation by 10% instead.

66.7462, 78.0135,
92.4291

66.7462, 78.0135,
92.4291

438.4875,
488.2127, 556.6740

49.1483, 58.0851,
69.4121

113.6085,
130.5692, 152.6728

34.9522, 41.8770,
50.5735

143.6036,
163.9652, 190.7366

23.7924, 29.0050,
35.4950

178.4618,
202.6192, 234.6530

15.3036, 19.0846,
23.7578

218.5486,
246.9155, 284.8407

9.1204, 11.7314,
14.9435

264.2292,
297.2387, 341.7181

4.8776, 6.5611,
8.6336

315.8689,

2.2096, 3.1892,

353.9730, 405.7037

4.4094

373.8333,
417.5028, 477.2162

■ 0.7478, 1.2313,
1.8525

■ 0.0000, 0.0870,
0.4623

■ 66.7462, 78.0135,
92.4291

■ 66.7462, 78.0135,
92.4291

■ 61.3602, 75.2389,
92.1775

■ 73.1037, 81.2929,
92.7294

■ 56.8914, 72.9352,
91.9673

■ 80.4698, 85.0903,
93.0753

■ 53.2908, 71.0791,
91.7976

■ 87.2494, 88.5853,
93.3938

■ 50.5019, 69.6414,
91.6659

■ 87.2497, 88.5853,
93.3949

48.4619, 68.5898,
91.5693

87.2499, 88.5854,
93.3961

47.0985, 67.8869,
91.5043

87.2501, 88.5855,
93.3972

46.3250, 67.4882,
91.4670

87.2503, 88.5856,
93.3984

46.0070, 67.3243,
91.4511

87.2505, 88.5857,
93.3996

87.2508, 88.5858,
93.4007

Harmonies

Analogous

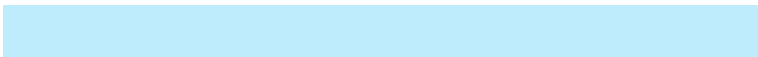
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5195, 78.0135, 80.3548



66.7462, 78.0135, 92.4291



68.9107, 78.0135, 103.4173

Triad

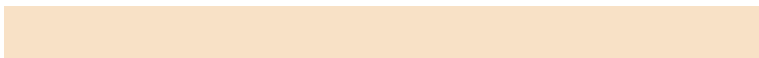
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.7462, 78.0135, 92.4291



80.3469, 78.0135, 101.2606



75.7935, 78.0135, 64.2492

Complementary

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



66.7462, 78.0135, 92.4291



62.3230, 57.7766, 55.4475

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.



79.6473, 78.0135, 68.8120



66.7462, 78.0135, 92.4291



82.3417, 78.0135, 89.7036

Square

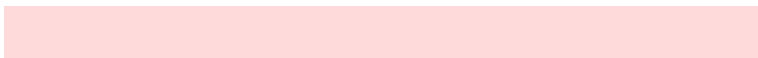
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7462, 78.0135, 92.4291



76.7192, 78.0135, 108.8385



82.0809, 78.0135, 77.8733



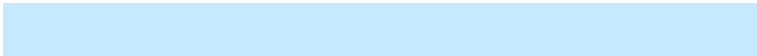
71.6378, 78.0135, 64.8298

Rectangle

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



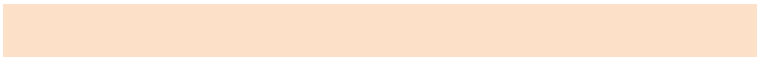
66.7462, 78.0135, 92.4291



71.2089, 78.0135, 108.2985



82.0809, 78.0135, 77.8733



77.1700, 78.0135, 65.2134

Sweetspot

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



66.7485, 78.0167, 92.4309



89.6433, 97.2127, 108.6462



60.5989, 75.5807, 58.9731



19.0671, 20.7455, 23.2491



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.



66.7485, 78.0167, 92.4309



75.3581, 89.8485, 107.9751



60.1784, 64.8757, 90.2431



16.2474, 17.9290, 20.3257



25.6661, 37.5585, 51.0183



2.1352, 3.1245, 4.2443

Inverse Universe

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



62.3230, 57.7766, 55.4475



69.3573, 62.4035, 57.8265



67.9250, 68.9811, 57.3131



15.7729, 15.7589, 16.3604



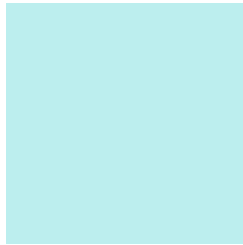
19.6715, 10.1410, 0.9209



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 66.7462, 78.0135, 92.4291 looks on a white background.

Color Contrast Check

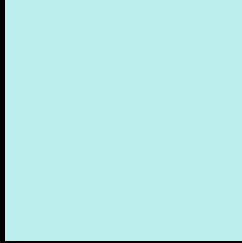
Large Text (above 18pt) WCAG AA × Fail

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 66.7462, 78.0135, 92.4291 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 66.7462, 78.0135, 92.4291

Background



This preview shows how black text looks on a background with the XYZ color 66.7462, 78.0135, 92.4291.



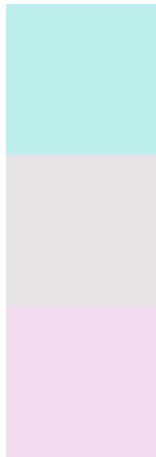
This preview shows how white text looks on a background with the XYZ color 66.7462, 78.0135,

92.4291.

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

66.7462, 78.0135, 92.4291

Protanopia

74.8479, 77.6966, 86.6533

Deuteranopia

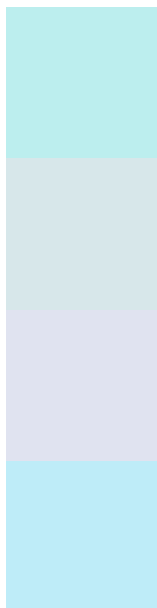
79.0419, 77.2969, 93.9729



Tritanopia

69.0836, 77.6488, 105.1126

Trichromacy



Original Color

66.7462, 78.0135, 92.4291

Protanomaly

71.4515, 77.5394, 89.0426

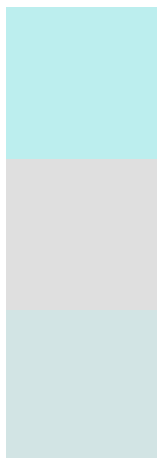
Deuteranomaly

73.9377, 77.0767, 93.4184

Tritanomaly

68.1739, 77.7154, 100.2144

Monochromacy



Original Color

66.7462, 78.0135, 92.4291

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.3253, 74.7899, 84.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7462, 78.0135, 92.4291 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(188, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(188, 238, 238)  
}
```

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(188, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 238, 238) }
```

Border

The CSS property to change the border of an element to XYZ 66.7462, 78.0135, 92.4291 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(188, 238, 238) }
```


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

```
.border{ border-color:rgb(188, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(188, 238,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7462, 78.0135, 92.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 238, 238) }
```

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

```
.background{ background-color: rgb(188,  
238, 238) }
```

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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