

Converting Colors

XYZ(68.1290, 78.4865, 90.8863)

Have a look what the booklet for
XYZ(68.1290, 78.4865, 90.8863)
contains.

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Color

**XYZ(67.9302, 78.2266,
90.8758)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EDEC
RGB	195, 237, 236
RGB Percent	76%, 93%, 93%
CMY	0.2353, 0.0706, 0.0745
CMYK	0.18, 0.00, 0.00, 0.07
HSL	179°, 54%, 85%
HSV	179°, 18%, 93%
XYZ	67.9302, 78.2266, 90.8758
YIQ	224.3280, -24.7110, -9.2150

Conversions

Conversions Part 2

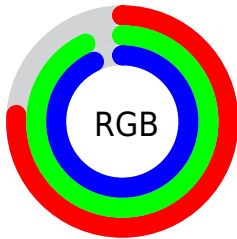
Format	Color
RYB	195, 216, 237
Decimal	12840428
CIELab	90.88, -13.67, -4.02
CIELCh	91, 14.245, 196.403
Yxy	78.2266, 0.2866, 0.3300
Android (android.graphics.Color)	4291030508 (0xFFC3EDEC)
YUV	224.3280, 5.7543, -25.7207
Hunter-Lab	88.4458, -17.6844, 0.9931

Details

The XYZ color **67.9302, 78.2266, 90.8758** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.4068, 61.0225, 60.6119**, and the grayscale version is **71.0607, 74.7614, 81.4152**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **35.7466, 42.0058, 49.4039** is the 20% darker color. If you saturate the color by 10%, you get **62.2045, 75.2864, 90.1808**, and if you desaturate by 10%, it is **74.6327, 81.6744, 91.6212**.

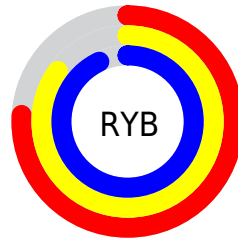
Distribution



Red (76%)

Green (93%)

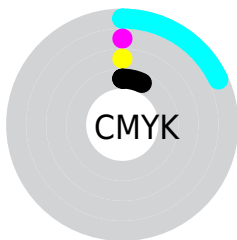
Blue (93%)



Red (76%)

Yellow (85%)

Blue (93%)

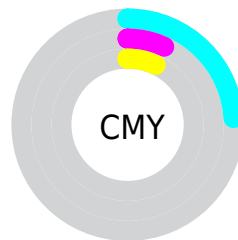


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9302, 78.2266, 90.8758 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 67.9302, 78.2266, 90.8758 by changing the saturation by 10% instead.

67.9302, 78.2266,
90.8758

67.9302, 78.2266,
90.8758

442.6293,
488.9360, 551.5191

50.1144, 58.2601,
68.1295

115.2947,
130.8695, 150.5005

35.7225, 42.0178,
49.5357

145.5742,
164.3147, 188.2158

24.3891, 29.1152,
34.6760

180.7390,
203.0217, 231.7580

15.7488, 19.1680,
23.1319

221.1543,
247.3748, 281.5455

9.4363, 11.7917,
14.4847

267.1857,
297.7583, 337.9968

5.0862, 6.6020,
8.3160

319.1984,

2.3332, 3.2145,

354.5568, 401.5304

4.2071

377.5578,
418.1546, 472.5651

■ 0.8116, 1.2447,
1.7396

■ 0.0000, 0.0978,
0.3877

■ 67.9302, 78.2266,
90.8758

■ 67.9302, 78.2266,
90.8758

■ 62.2045, 75.2864,
90.1808

■ 74.6327, 81.6744,
91.6212

■ 57.4029, 72.8206,
89.5288


■ 82.3478, 85.6421,
92.4137


■ 53.4784, 70.8069,
88.9191


■ 86.9141, 87.9866,
93.0601


■ 50.3769, 69.2174,
88.3493


■ 86.9973, 88.0199,
93.4982


 48.0384, 68.0212,
87.8166


 87.0808, 88.0532,
93.9376


 46.3949, 67.1833,
87.3178


 87.1645, 88.0867,
94.3784


 45.3661, 66.6622,
86.8491

 87.2484, 88.1203,
94.8206

 44.8439, 66.4023,
86.4055

 87.3327, 88.1540,
95.2641

 44.7580, 66.3602,
86.3061

 87.4172, 88.1878,
95.7091

Harmonies

Analogous

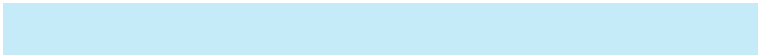
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.8480, 78.2266, 80.6157



67.9302, 78.2266, 90.8758



69.6968, 78.2266, 100.2957

Triad

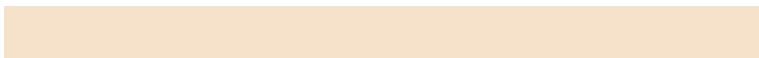
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.9302, 78.2266, 90.8758



79.4594, 78.2266, 99.5351



75.9853, 78.2266, 67.3834

Complementary

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



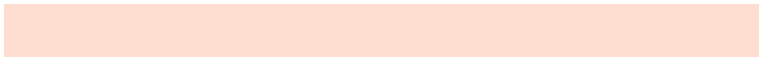
67.9302, 78.2266, 90.8758



64.4068, 61.0225, 60.6119

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.



79.2101, 78.2266, 71.6568



67.9302, 78.2266, 90.8758



81.2590, 78.2266, 89.9040

Square

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



67.9302, 78.2266, 90.8758



76.3167, 78.2266, 105.5634



81.1664, 78.2266, 79.7186



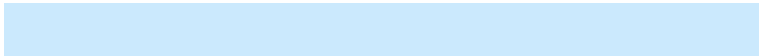
72.4214, 78.2266, 67.5977

Rectangle

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



67.9302, 78.2266, 90.8758



71.6252, 78.2266, 104.5883



81.1664, 78.2266, 79.7186



77.1472, 78.2266, 68.3270

Sweetspot

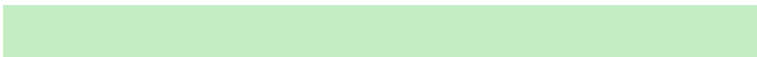
The Sweet Spot groups the original color and five complimentary colors.



67.9325, 78.2298, 90.8776



90.4648, 97.6419, 108.4297



63.0060, 76.3012, 63.0381



19.2305, 20.8312, 23.1945



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.



67.9325, 78.2298, 90.8776



77.8133, 91.1379, 107.0220



62.7101, 67.5512, 89.8580



15.5012, 17.1153, 19.3223



24.4425, 36.2315, 47.1569



1.9243, 2.8470, 3.7290

Inverse Universe

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



64.4068, 61.0225, 60.6119



72.9789, 67.5423, 65.5213



68.9769, 70.3448, 61.5737



15.0801, 15.0599, 15.7069



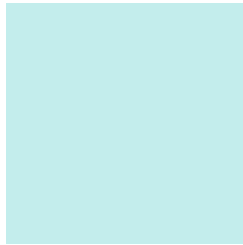
19.0915, 9.8393, 1.0171



1.5043, 0.7747, 0.1070

Previews

White Background



This preview shows how the XYZ color 67.9302, 78.2266, 90.8758 looks on a white background.

Color Contrast Check

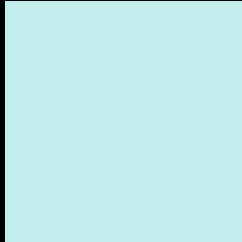
Large Text (above 18pt) WCAG AA × Fail

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 67.9302, 78.2266, 90.8758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

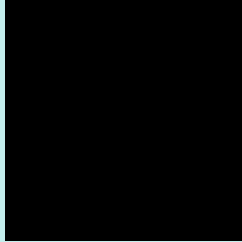
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

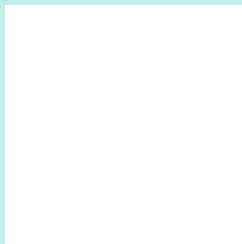
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.9302, 78.2266, 90.8758

Background



This preview shows how black text looks on a background with the XYZ color 67.9302, 78.2266, 90.8758.



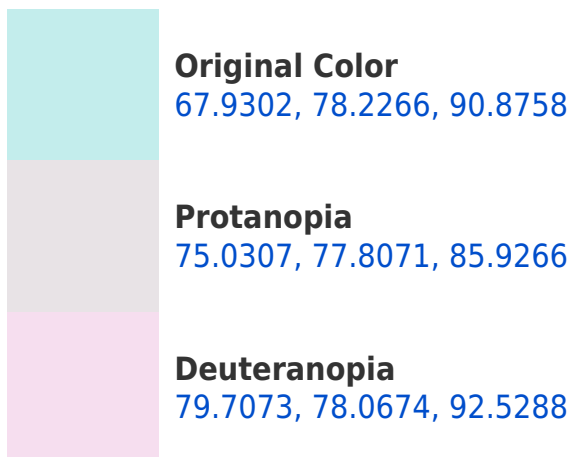
This preview shows how white text looks on a background with the XYZ color 67.9302, 78.2266,

90.8758.

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

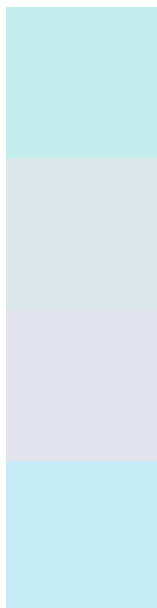




Tritanopia

70.4411, 77.9433, 104.2604

Trichromacy



Original Color

67.9302, 78.2266, 90.8758

Protanomaly

72.3548, 78.0381, 87.5933

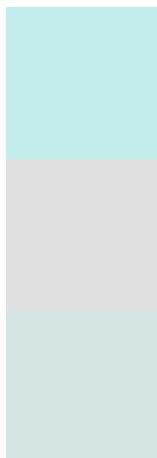
Deuteranomaly

74.5803, 77.4421, 91.9059

Tritanomaly

69.5228, 78.0024, 99.3874

Monochromacy



Original Color

67.9302, 78.2266, 90.8758

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.4635, 75.7862, 84.3659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9302, 78.2266, 90.8758 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(195, 237, 236)` looks like.

```
.text, #text, p{  
    color:rgb(195, 237, 236)  
}
```

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(195, 237, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 237, 236) }
```

Border

The CSS property to change the border of an element to XYZ 67.9302, 78.2266, 90.8758 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(195, 237, 236) }
```


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

```
.border{ border-color:rgb(195, 237, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 237, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 237, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 237, 236);  
box-shadow:4px 4px 4px 4px rgb(195, 237,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9302, 78.2266, 90.8758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 237, 236) }
```

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

```
.background{ background-color: rgb(195,  
237, 236) }
```

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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