

Converting Colors

XYZ(67.3998, 77.1638, 83.8990)

Have a look what the booklet for
XYZ(67.3998, 77.1638, 83.8990)
contains.

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Color

**XYZ(67.3929, 77.2421,
84.0303)**

Conversions

Conversions Part 1

Format	Color
Hex	C8EBE3
RGB	200, 235, 227
RGB Percent	78%, 92%, 89%
CMY	0.2157, 0.0784, 0.1098
CMYK	0.15, 0.00, 0.03, 0.08
HSL	166°, 47%, 85%
HSV	166°, 15%, 92%
XYZ	67.3929, 77.2421, 84.0303
YIQ	223.6230, -18.2920, -9.9080

Conversions

Conversions Part 2

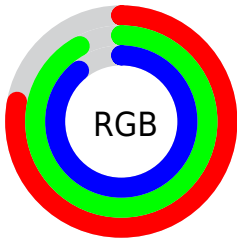
Format	Color
R _Y B	200, 220, 235
Decimal	13167587
CIE Lab	90.43, -12.91, 0.05
CIE LCh	90, 12.906, 179.764
Yxy	77.2421, 0.2947, 0.3378
Android (android.graphics.Color)	4291357667 (0xFFC8EBE3)
YUV	223.6230, 1.6649, -20.7174
Hunter-Lab	87.8875, -16.9277, 4.8333

Details

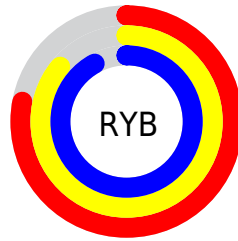
The XYZ color **67.3929, 77.2421, 84.0303** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.3032, 63.5269, 68.4453**, and the grayscale version is **70.5822, 74.2580, 80.8669**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4206, 41.3297, 45.1403** is the 20% darker color. If you saturate the color by 10%, you get **60.8629, 73.9622, 79.9147**, and if you desaturate by 10%, it is **74.9151, 81.0350, 88.3164**.

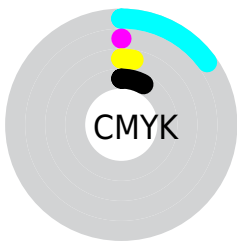
Distribution



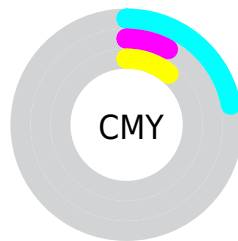
- Red (78%)
- Green (92%)
- Blue (89%)



- Red (78%)
- Yellow (86%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3929, 77.2421, 84.0303 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 67.3929, 77.2421, 84.0303 by changing the saturation by 10% instead.

67.3929, 77.2421,
84.0303

67.3929, 77.2421,
84.0303

440.7525,
485.5891, 528.4745

49.6759, 57.4516,
62.4949

114.5299,
129.4812, 140.8797

35.3727, 41.3679,
44.9944

144.6806,
162.6985, 177.0307

24.1179, 28.6067,
31.1101

179.7065,
201.1603, 218.8908

15.5463, 18.7835,
20.4235

219.9731,
245.2509, 266.8783

9.2925, 11.5139,
12.5161

265.8456,
295.3546, 321.4119

4.9911, 6.4136,
6.9694

317.6895,

2.2767, 3.0982,

351.8560, 382.9102

3.3648

375.8700,
415.1393, 451.7915

■ 0.7827, 1.1832,
1.2838

■ 0.0000, 0.0479,
0.0485

■ 67.3929, 77.2421,
84.0303

■ 67.3929, 77.2421,
84.0303

■ 60.8629, 73.9622,
79.9147

■ 74.9151, 81.0350,
88.3164

■ 55.2745, 71.1630,
75.9614

■ 83.4643, 85.3525,
92.7708

■ 50.5823, 68.8232,
72.1686

■ 87.1458, 87.1580,
97.1204

■ 46.7346, 66.9161,
68.5329

■ 87.9700, 87.4876,
101.4604

■ 43.6742, 65.4123,
65.0504

■ 88.8181, 87.8269,
105.9264

■ 41.3368, 64.2787,
61.7171

■ 88.9998, 87.8995,
106.8833

■ 39.6475, 63.4767,
58.5281

■ 38.5147, 62.9590,
55.4781

■ 38.0782, 62.7669,
53.9708

Harmonies

Analogous

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



68.1922, 77.2421, 75.4803



67.3929, 77.2421, 84.0303



68.1678, 77.2421, 93.2238

Triad

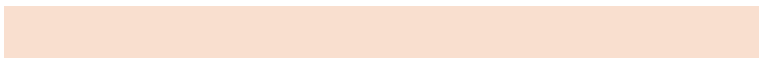
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3929, 77.2421, 84.0303



76.5353, 77.2421, 100.4675



76.5809, 77.2421, 69.6851

Complementary

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



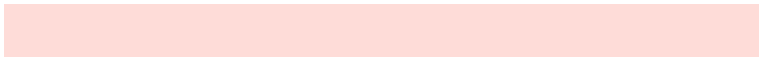
67.3929, 77.2421, 84.0303



66.3032, 63.5269, 68.4453

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.



78.9275, 77.2421, 75.5984



67.3929, 77.2421, 84.0303



78.9006, 77.2421, 93.3597

Square

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



67.3929, 77.2421, 84.0303



73.3907, 77.2421, 103.1259



79.7883, 77.2421, 84.1768



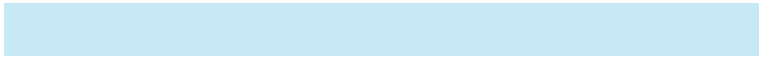
73.4419, 77.2421, 67.5772

Rectangle

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



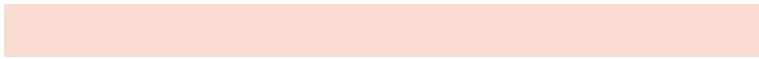
67.3929, 77.2421, 84.0303



69.4862, 77.2421, 98.3903



79.7883, 77.2421, 84.1768



77.4918, 77.2421, 71.2714

Sweetspot

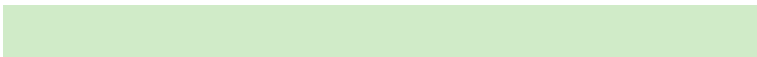
The Sweet Spot groups the original color and five complimentary colors.



67.3951, 77.2453, 84.0320



91.0232, 97.9672, 106.7634



66.1954, 77.0242, 66.0231



19.3254, 20.8897, 22.7666



0.0000, 0.0000, 0.0000



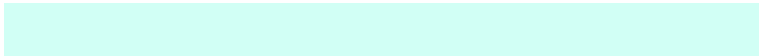
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3951, 77.2453, 84.0320



78.4888, 91.6523, 99.5445



65.9230, 72.4920, 89.1189



15.3617, 17.0595, 18.5878



21.2422, 34.9513, 30.3039



1.7039, 2.7589, 2.5686

Inverse Universe

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



66.3032, 63.5269, 68.4453



76.9297, 72.0559, 77.2827



67.5712, 67.5993, 64.1314



15.2065, 15.1105, 16.3729



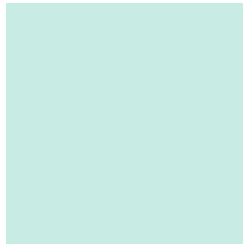
19.4750, 9.9927, 3.0366



1.5651, 0.7990, 0.4274

Previews

White Background



This preview shows how the XYZ color 67.3929, 77.2421, 84.0303 looks on a white background.

Color Contrast Check

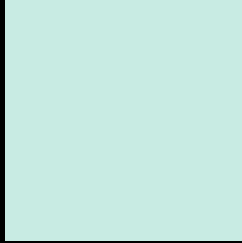
Large Text (above 18pt) WCAG AA × Fail

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 67.3929, 77.2421, 84.0303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

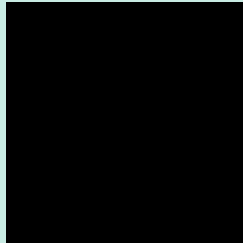
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

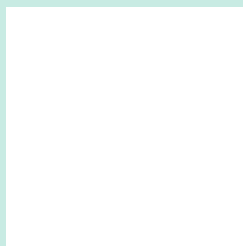
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3929, 77.2421, 84.0303

Background



This preview shows how black text looks on a background with the XYZ color 67.3929, 77.2421, 84.0303.

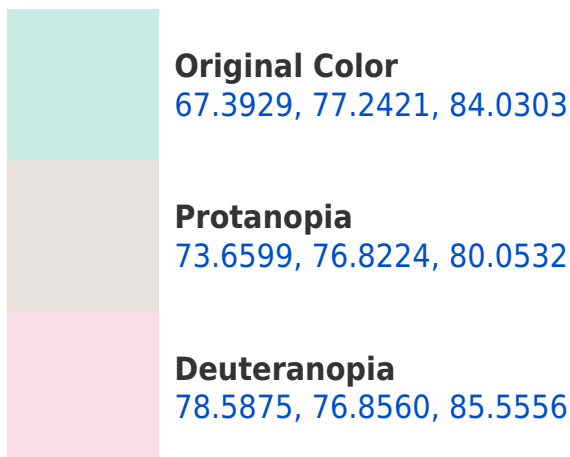


This preview shows how white text looks on a background with the XYZ color 67.3929, 77.2421,

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

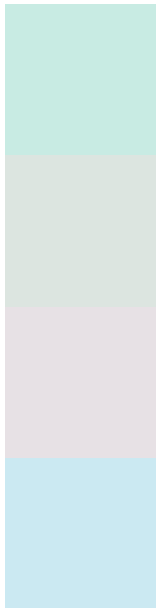




Tritanopia

71.0138, 77.4527, 101.6495

Trichromacy



Original Color

67.3929, 77.2421, 84.0303

Protanomaly

70.9891, 76.6361, 81.5717

Deuteranomaly

74.0231, 76.4965, 84.9926

Tritanomaly

69.7945, 77.3851, 95.2627

Monochromacy



Original Color

67.3929, 77.2421, 84.0303

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.3583, 75.3701, 82.1265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3929, 77.2421, 84.0303 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(200, 235, 227)` looks like.

```
.text, #text, p{  
    color:rgb(200, 235, 227)  
}
```

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(200, 235, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 235, 227) }
```

Border

The CSS property to change the border of an element to XYZ 67.3929, 77.2421, 84.0303 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(200, 235, 227) }
```


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

```
.border{ border-color:rgb(200, 235, 227) }
```

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

Here you see how a box with a 4 pixel rgb(200, 235, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 235, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 235, 227);  
box-shadow:4px 4px 4px 4px rgb(200, 235,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3929, 77.2421, 84.0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 235, 227) }
```

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

```
.background{ background-color: rgb(200,  
235, 227) }
```

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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