

Converting Colors

XYZ(67.6087, 79.8845, 93.4608)

Have a look what the booklet for
XYZ(67.6087, 79.8845, 93.4608)
contains.

| | |
|--|----|
| XYZ(67.5288, 79.7074, 93.4873) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(67.5288, 79.7074,
93.4873)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BBF1EF |
| RGB | 187, 241, 239 |
| RGB Percent | 73%, 95%, 94% |
| CMY | 0.2667, 0.0549, 0.0627 |
| CMYK | 0.22, 0.00, 0.01, 0.05 |
| HSL | 178°, 66%, 84% |
| HSV | 178°, 22%, 95% |
| XYZ | 67.5288, 79.7074, 93.4873 |
| YIQ | 224.6260, -31.5420, -12.0700 |

Conversions

Conversions Part 2

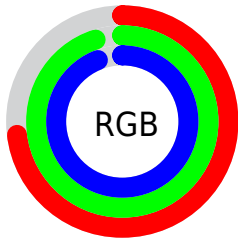
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 187, 215, 241 |
| Decimal | 12317167 |
| CIE Lab | 91.55, -17.44, -4.65 |
| CIE LCh | 92, 18.047, 194.944 |
| Yxy | 79.7074, 0.2805, 0.3311 |
| Android (android.graphics.Color) | 4290507247 (0xFFBBF1EF) |
| YUV | 224.6260, 7.0864, -32.9980 |
| Hunter-Lab | 89.2790, -21.2245, 0.4106 |

Details

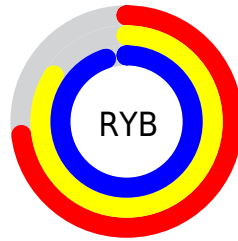
The XYZ color **67.5288, 79.7074, 93.4873** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.2341, 57.9177, 55.9938**, and the grayscale version is **71.2684, 74.9800, 81.6532**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **35.4119, 43.0224, 51.2375** is the 20% darker color. If you saturate the color by 10%, you get **61.9894, 76.8690, 92.5420**, and if you desaturate by 10%, it is **74.0629, 83.0626, 94.4860**.

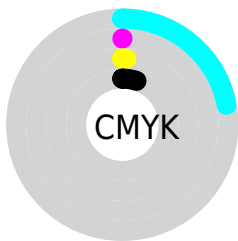
Distribution



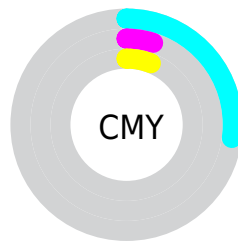
- Red (73%)
- Green (95%)
- Blue (94%)



- Red (73%)
- Yellow (84%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)




- Cyan (27%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5288, 79.7074, 93.4873 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 67.5288, 79.7074, 93.4873 by changing the saturation by 10% instead.


 67.5288, 79.7074,
93.4873

 67.5288, 79.7074,
93.4873


441.2277,
493.9462, 560.1710

 49.7868, 59.4776,
70.2867

 114.7234,
132.9543, 154.1506

 35.4611, 42.9977,
51.2820

144.9067,
166.7401, 192.4504

 24.1865, 29.8833,
36.0548


179.9678,
205.8135, 236.6203

 15.5975, 19.7500,
24.1865

220.2721,
250.5587, 287.0790

 9.3288, 12.2135,
15.2586

266.1848,
301.3602, 344.2448

 5.0151, 6.8892,
8.8524

318.0714,

 2.2910, 3.3929,

358.6023, 408.5364

4.5495

376.2973,
422.6695, 480.3722

■ 0.7900, 1.3401,
1.9314

■ 0.0000, 0.1720,
0.5126

■ 67.5288, 79.7074,
93.4873

■ 67.5288, 79.7074,
93.4873

■ 61.9894, 76.8690,
92.5420

■ 74.0629, 83.0626,
94.4860

■ 57.3884, 74.5123,
91.6423


■ 81.6307, 86.9486,
95.5348


■ 53.6746, 72.6128,
90.7875


■ 88.6762, 90.5652,
96.5625


■ 50.7889, 71.1401,
89.9748


■ 88.8106, 90.6190,
97.2703


 48.6652, 70.0603,
89.2012


 88.9457, 90.6730,
97.9815


 47.2273, 69.3339,
88.4631


 89.0814, 90.7273,
98.6962

 46.3832, 68.9135,
87.7562

 89.2178, 90.7819,
99.4143

 46.0315, 68.7433,
87.2352

 89.3548, 90.8367,
100.1359

 89.4925, 90.8918,
100.8610

Harmonies

Analogous

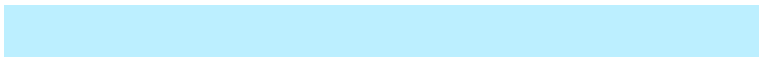
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.5329, 79.7074, 80.3709



67.5288, 79.7074, 93.4873



69.6683, 79.7074, 105.9459

Triad

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



67.5288, 79.7074, 93.4873



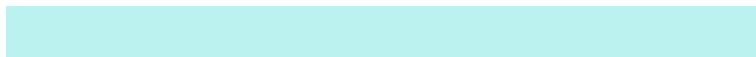
82.1829, 79.7074, 105.9859



78.0810, 79.7074, 64.5468

Complementary

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



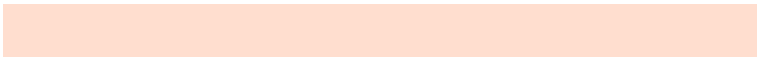
67.5288, 79.7074, 93.4873



63.2341, 57.9177, 55.9938

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.



82.1958, 79.7074, 70.0908



67.5288, 79.7074, 93.4873



84.6284, 79.7074, 93.5375

Square

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



67.5288, 79.7074, 93.4873



78.0640, 79.7074, 113.6432



84.6332, 79.7074, 80.4163



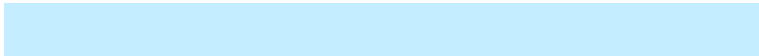
73.5008, 79.7074, 64.5363

Rectangle

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



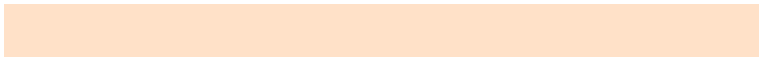
67.5288, 79.7074, 93.4873



72.0740, 79.7074, 111.8247



84.6332, 79.7074, 80.4163



79.5685, 79.7074, 65.7981

Sweetspot

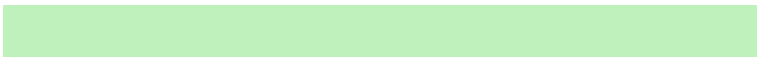
The Sweet Spot groups the original color and five complimentary colors.



67.5311, 79.7107, 93.4891



88.6787, 96.7278, 108.0463



61.5877, 77.4103, 58.7108



18.8693, 20.6464, 23.1109



0.0000, 0.0000, 0.0000



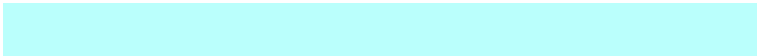
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5311, 79.7107, 93.4891



73.6877, 89.0345, 105.7682



61.1086, 66.3894, 92.8165



16.2206, 17.9182, 20.1844



24.9724, 37.2810, 47.3650



2.0853, 3.1046, 3.9817

Inverse Universe

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



63.2341, 57.9177, 55.9938



67.9837, 60.1023, 55.9935



68.6169, 69.0291, 56.7226



15.7966, 15.7683, 16.4849



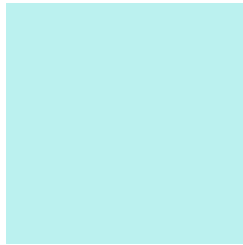
19.7088, 10.1559, 1.1171



1.6479, 0.8482, 0.1366

Previews

White Background



This preview shows how the XYZ color 67.5288, 79.7074, 93.4873 looks on a white background.

Color Contrast Check

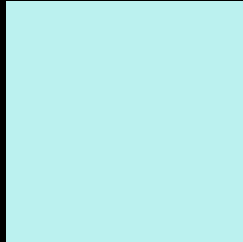
Large Text (above 18pt) WCAG AA × Fail

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 67.5288, 79.7074, 93.4873 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

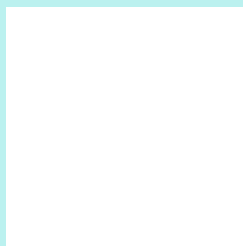
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5288, 79.7074, 93.4873

Background



This preview shows how black text looks on a background with the XYZ color 67.5288, 79.7074, 93.4873.

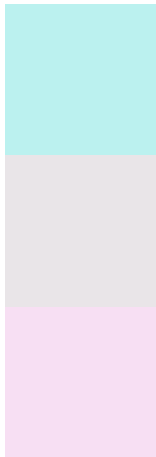


This preview shows how white text looks on a background with the XYZ color 67.5288, 79.7074,

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

67.5288, 79.7074, 93.4873

Protanopia

76.1891, 79.1885, 87.6132

Deuteranopia

80.9231, 79.0206, 95.7814



Tritanopia

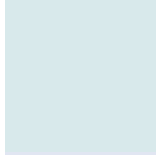
71.1302, 79.9712, 106.2948

Trichromacy



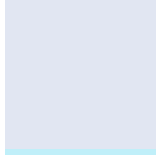
Original Color

67.5288, 79.7074, 93.4873



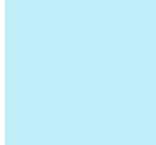
Protanomaly

72.4532, 78.8749, 90.0030



Deuteranomaly

75.3752, 79.0120, 95.2825



Tritanomaly

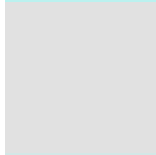
69.7036, 79.7790, 101.3477

Monochromacy



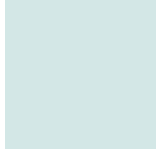
Original Color

67.5288, 79.7074, 93.4873



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.7228, 76.7139, 85.9954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5288, 79.7074, 93.4873 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(187, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(187, 241, 239)  
}
```

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(187, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 241, 239) }
```

Border

The CSS property to change the border of an element to XYZ 67.5288, 79.7074, 93.4873 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(187, 241, 239) }
```


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

```
.border{ border-color:rgb(187, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(187, 241,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5288, 79.7074, 93.4873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 241, 239) }
```

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

```
.background{ background-color: rgb(187,  
241, 239) }
```

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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