

Converting Colors

XYZ(67.4324, 79.2534, 91.8641)

Have a look what the booklet for XYZ(67.4324, 79.2534, 91.8641) contains.

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Color

**XYZ(67.4324, 79.2534,
91.8641)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF0ED
RGB	189, 240, 237
RGB Percent	74%, 94%, 93%
CMY	0.2588, 0.0588, 0.0706
CMYK	0.21, 0.00, 0.01, 0.06
HSL	176°, 63%, 84%
HSV	176°, 21%, 94%
XYZ	67.4324, 79.2534, 91.8641
YIQ	224.4090, -29.4330, -11.7450

Conversions

Conversions Part 2

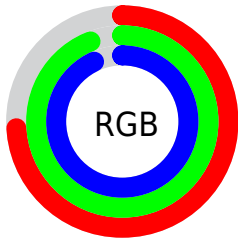
Format	Color
RYB	189, 215, 240
Decimal	12447981
CIELab	91.35, -16.77, -3.90
CIELCh	91, 17.214, 193.094
Yxy	79.2534, 0.2827, 0.3322
Android (android.graphics.Color)	4290638061 (0xFFBDF0ED)
YUV	224.4090, 6.2074, -31.0537
Hunter-Lab	89.0244, -20.5861, 1.1358

Details

The XYZ color **67.4324, 79.2534, 91.8641** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.6500, 58.7284, 57.8535**, and the grayscale version is **71.1180, 74.8216, 81.4808**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **35.4727, 42.7681, 50.1015** is the 20% darker color. If you saturate the color by 10%, you get **61.7595, 76.3548, 90.5266**, and if you desaturate by 10%, it is **74.0966, 82.6670, 93.2599**.

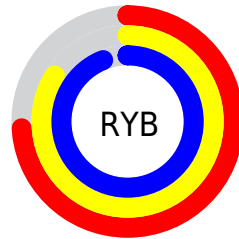
Distribution



Red (74%)

Green (94%)

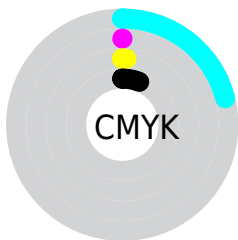
Blue (93%)



Red (74%)

Yellow (84%)

Blue (94%)

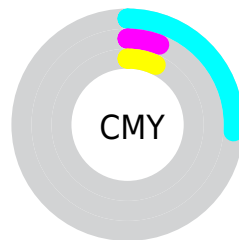


Cyan (21%)

Magenta (0%)

Yellow (1%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4324, 79.2534, 91.8641 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 67.4324, 79.2534, 91.8641 by changing the saturation by 10% instead.

67.4324, 79.2534,
91.8641

67.4324, 79.2534,
91.8641

440.8907,
492.4132, 554.8020

49.7081, 59.1042,
68.9454

114.5862,
132.3155, 151.8831

35.3984, 42.6970,
50.1957

144.7463,
165.9972, 189.8204

24.1378, 29.6474,
35.1967

179.7825,
204.9586, 233.6010

15.5612, 19.5711,
23.5297

220.0600,
249.5839, 283.6434

9.3031, 12.0837,
14.7761

265.9442,
300.2576, 340.3662

4.9981, 6.8007,
8.5175

317.8005,

2.2809, 3.3378,

357.3641, 404.1878

4.3354

375.9942,
421.2879, 475.5269

■ 0.7849, 1.3105,
1.8111

■ 0.0000, 0.1493,
0.4352

■ 67.4324, 79.2534,
91.8641

■ 67.4324, 79.2534,
91.8641

■ 61.7595, 76.3548,
90.5266

■ 74.0966, 82.6670,
93.2599

■ 57.0227, 73.9364,
89.2397

■ 81.7904, 86.6092,
94.7106

■ 53.1718, 71.9746,
88.0027

■ 88.3147, 89.9483,
96.1152

■ 50.1489, 70.4394,
86.8129

■ 88.5270, 90.0332,
97.2330

47.8896, 69.2978,
85.6673

88.7409, 90.1187,
98.3593

46.3199, 68.5114,
84.5623

88.9565, 90.2050,
99.4944

45.3509, 68.0345,
83.4938

89.1736, 90.2918,
100.6381

44.8715, 67.8070,
82.5830

89.3925, 90.3794,
101.7906

89.6130, 90.4676,
102.9517

Harmonies

Analogous

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



67.5669, 79.2534, 79.4793



67.4324, 79.2534, 91.8641



69.3540, 79.2534, 103.8109

Triad

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



67.4324, 79.2534, 91.8641



81.2191, 79.2534, 105.0972



77.7994, 79.2534, 65.2454

Complementary

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



67.4324, 79.2534, 91.8641



63.6500, 58.7284, 57.8535

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.



81.6356, 79.2534, 70.8666



67.4324, 79.2534, 91.8641



83.6617, 79.2534, 93.4864

Square

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



67.4324, 79.2534, 91.8641



77.2488, 79.2534, 111.9340



83.8170, 79.2534, 80.9527



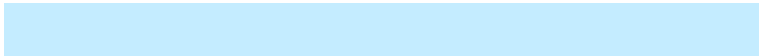
73.4393, 79.2534, 64.9019

Rectangle

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



67.4324, 79.2534, 91.8641



71.5871, 79.2534, 109.5951



83.8170, 79.2534, 80.9527



79.1969, 79.2534, 66.5536

Sweetspot

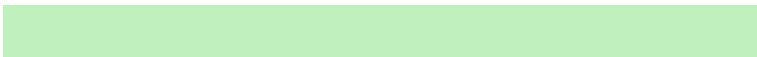
The Sweet Spot groups the original color and five complimentary colors.



67.4347, 79.2566, 91.8659



89.4987, 97.1549, 107.8848



62.1874, 77.2563, 59.7799



19.0328, 20.7318, 23.0685



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.



67.4347, 79.2566, 91.8659



74.0997, 89.2716, 104.6719



61.7622, 67.2036, 92.1582



16.2048, 17.9120, 20.1015



24.5799, 37.1240, 45.2984



2.0570, 3.0932, 3.8323

Inverse Universe

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



63.6500, 58.7284, 57.8535



68.9546, 61.3589, 58.4299



68.4424, 68.8403, 57.8258



15.8105, 15.7739, 16.5585



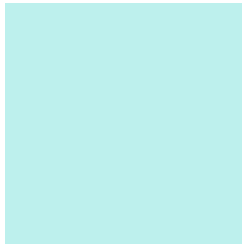
19.7308, 10.1647, 1.2330



1.6546, 0.8509, 0.1719

Previews

White Background



This preview shows how the XYZ color 67.4324, 79.2534, 91.8641 looks on a white background.

Color Contrast Check

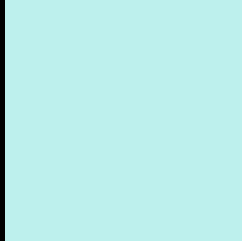
Large Text (above 18pt) WCAG AA × Fail

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 67.4324, 79.2534, 91.8641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

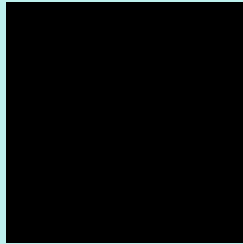
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4324, 79.2534, 91.8641

Background



This preview shows how black text looks on a background with the XYZ color 67.4324, 79.2534, 91.8641.

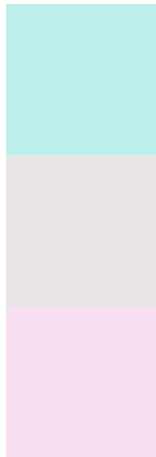


This preview shows how white text looks on a background with the XYZ color 67.4324, 79.2534,

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

67.4324, 79.2534, 91.8641

Protanopia

75.6306, 78.5236, 86.0333

Deuteranopia

80.6226, 78.9004, 94.1991



Tritanopia

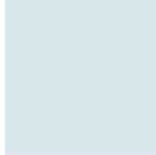
70.8399, 79.3905, 106.1980

Trichromacy



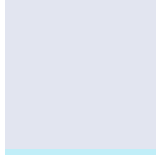
Original Color

67.4324, 79.2534, 91.8641



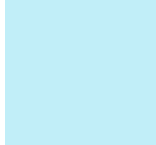
Protanomaly

72.1799, 78.3481, 88.4092



Deuteranomaly

75.1115, 78.4986, 93.6310



Tritanomaly

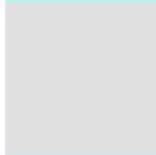
69.5101, 79.2638, 100.4428

Monochromacy



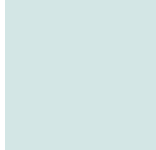
Original Color

67.4324, 79.2534, 91.8641



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

69.3036, 76.0997, 85.1648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4324, 79.2534, 91.8641 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(189, 240, 237)` looks like.

```
.text, #text, p{  
    color:rgb(189, 240, 237)  
}
```

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(189, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 240, 237) }
```

Border

The CSS property to change the border of an element to XYZ 67.4324, 79.2534, 91.8641 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(189, 240, 237) }
```


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

```
.border{ border-color:rgb(189, 240, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 240, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 240, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 240, 237);  
box-shadow:4px 4px 4px 4px rgb(189, 240,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4324, 79.2534, 91.8641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 240, 237) }
```

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

```
.background{ background-color: rgb(189,  
240, 237) }
```

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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