

Converting Colors

XYZ(65.8765, 76.8545, 85.4911)

Have a look what the booklet for
XYZ(65.8765, 76.8545, 85.4911)
contains.

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Color

**XYZ(65.8765, 76.8545,
85.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	C0ECE5
RGB	192, 236, 229
RGB Percent	75%, 93%, 90%
CMY	0.2471, 0.0745, 0.1020
CMYK	0.19, 0.00, 0.03, 0.07
HSL	170°, 54%, 84%
HSV	170°, 19%, 93%
XYZ	65.8765, 76.8545, 85.4911
YIQ	222.0460, -23.9770, -11.5050

Conversions

Conversions Part 2

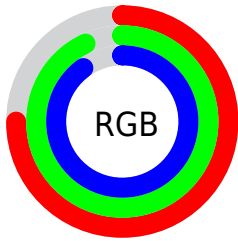
Format	Color
R _Y B	192, 216, 236
Decimal	12643557
CIE _{Lab}	90.25, -15.51, -1.31
CIE _{LCh}	90, 15.562, 184.833
Y _{xy}	76.8545, 0.2887, 0.3368
Android (android.graphics.Color)	4290833637 (0xFFC0ECE5)
YUV	222.0460, 3.4283, -26.3503
Hunter-Lab	87.6667, -19.2842, 3.5481

Details

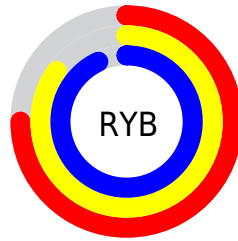
The XYZ color **65.8765, 76.8545, 85.4911** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.7532, 59.6576, 62.1909**, and the grayscale version is **69.4541, 73.0711, 79.5744**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **34.4425, 41.1018, 46.1625** is the 20% darker color. If you saturate the color by 10%, you get **59.8551, 73.8123, 82.5025**, and if you desaturate by 10%, it is **72.8719, 80.4015, 88.5878**.

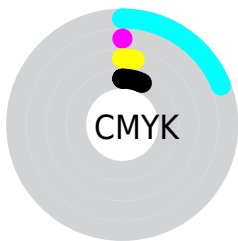
Distribution



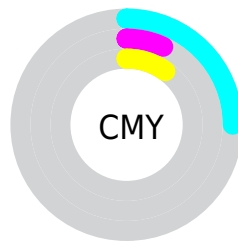
- Red (75%)
- Green (93%)
- Blue (90%)



- Red (75%)
- Yellow (85%)
- Blue (93%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)





- Cyan (25%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8765, 76.8545, 85.4911 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 65.8765, 76.8545, 85.4911 by changing the saturation by 10% instead.


 65.8765, 76.8545,
85.4911

 65.8765, 76.8545,
85.4911


435.4307,
484.2678, 533.4386

 48.4395, 57.1335,
63.6948


 112.3678,
128.9341, 142.9394

 34.3878, 41.1124,
45.9589


142.1527,
162.0614, 179.4284

 23.3559, 28.4069,
31.8649


176.7844,
200.4263, 221.6520

 14.9787, 18.6326,
20.9944

216.6281,
244.4131, 270.0288

 8.8906, 11.4051,
12.9287

262.0493,
294.4063, 324.9773

 4.7265, 6.3400,
7.2493

313.4132,

 2.1208, 3.0529,

350.7902, 386.9161

3.5377

371.0852,
413.9492, 456.2637

■ 0.7005, 1.1594,
1.3753

■ 0.0000, 0.0282,
0.1224

■ 65.8765, 76.8545,
85.4911

■ 65.8765, 76.8545,
85.4911

■ 59.8551, 73.8123,
82.5025

■ 72.8719, 80.4015,
88.5878

■ 54.7554, 71.2420,
79.6142

■ 80.8772, 84.4658,
91.7897

■ 50.5302, 69.1212,
76.8254

■ 87.0052, 87.5610,
94.9638

■ 47.1255, 67.4221,
74.1332

■ 87.5699, 87.7869,
97.9378

■ 44.4813, 66.1137,
71.5342

■ 88.1463, 88.0175,
100.9730

■ 42.5292, 65.1609,
69.0251

■ 88.7344, 88.2527,
104.0699

■ 41.1884, 64.5219,
66.6015

■ 89.2869, 88.4737,
106.9790

■ 40.3402, 64.1357,
64.2576

■ 40.2412, 64.0914,
63.9450

Harmonies

Analogous

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



66.5136, 76.8545, 74.9363



65.8765, 76.8545, 85.4911



67.1047, 76.8545, 96.4629

Triad

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



65.8765, 76.8545, 85.4911



77.3842, 76.8545, 102.4348



76.2605, 76.8545, 65.8263

Complementary

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



65.8765, 76.8545, 85.4911



63.7532, 59.6576, 62.1909

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.



79.3320, 76.8545, 72.0821



65.8765, 76.8545, 85.4911



79.9967, 76.8545, 93.0819

Square

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



65.8765, 76.8545, 85.4911



73.6771, 76.8545, 106.7806



80.7217, 76.8545, 81.8976



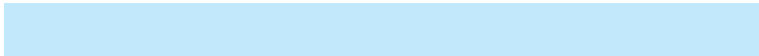
72.4223, 76.8545, 64.1797

Rectangle

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



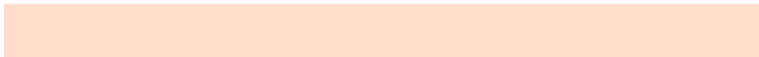
65.8765, 76.8545, 85.4911



68.8425, 76.8545, 102.3532



80.7217, 76.8545, 81.8976



77.4211, 76.8545, 67.4309

Sweetspot

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



65.8787, 76.8577, 85.4928



89.2538, 97.0570, 106.5953



63.1539, 75.9877, 61.2089



18.9747, 20.7086, 22.7627



0.0000, 0.0000, 0.0000



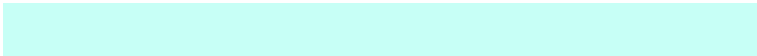
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8787, 76.8577, 85.4928



75.9322, 90.3067, 100.6752



62.8254, 69.1543, 89.3974



15.4087, 17.0783, 18.8350



22.2208, 35.3428, 35.4576



1.7725, 2.7863, 2.9298

Inverse Universe

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



63.7532, 59.6576, 62.1909



73.0045, 66.6065, 68.5725



66.3412, 66.1053, 59.1334



15.1632, 15.0931, 16.1448



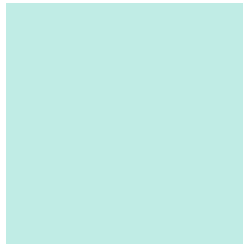
19.2873, 9.9176, 2.0481



1.5440, 0.7906, 0.3160

Previews

White Background



This preview shows how the XYZ color 65.8765, 76.8545, 85.4911 looks on a white background.

Color Contrast Check

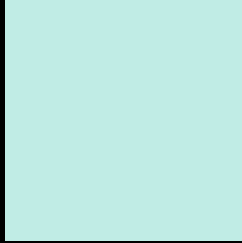
Large Text (above 18pt) WCAG AA × Fail

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 65.8765, 76.8545, 85.4911 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

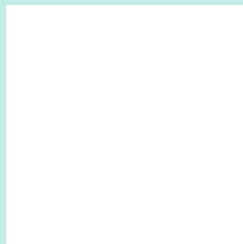
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8765, 76.8545, 85.4911

Background



This preview shows how black text looks on a background with the XYZ color 65.8765, 76.8545, 85.4911.



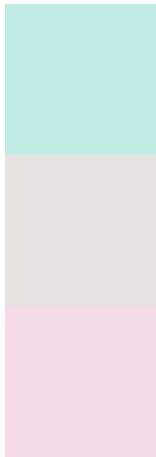
This preview shows how white text looks on a background with the XYZ color 65.8765, 76.8545,

85.4911.

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

65.8765, 76.8545, 85.4911

Protanopia

73.1995, 76.1671, 80.6557

Deuteranopia

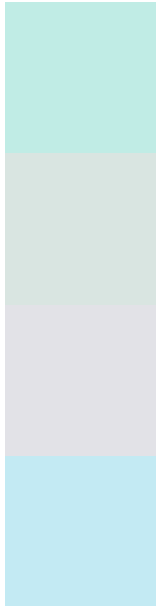
78.1647, 76.6054, 87.0105



Tritanopia

69.3165, 76.9786, 102.4718

Trichromacy



Original Color

65.8765, 76.8545, 85.4911

Protanomaly

70.2252, 76.2266, 82.2461

Deuteranomaly

72.9842, 76.3310, 86.4880

Tritanomaly

68.1062, 76.9188, 96.0513

Monochromacy



Original Color

65.8765, 76.8545, 85.4911

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.9237, 74.2233, 81.9807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8765, 76.8545, 85.4911 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(192, 236, 229)` looks like.

```
.text, #text, p{  
    color:rgb(192, 236, 229)  
}
```

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(192, 236, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 236, 229) }
```

Border

The CSS property to change the border of an element to XYZ 65.8765, 76.8545, 85.4911 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(192, 236, 229) }
```


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

```
.border{ border-color:rgb(192, 236, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 236, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 236, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 236, 229);  
box-shadow:4px 4px 4px 4px rgb(192, 236,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8765, 76.8545, 85.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 236, 229) }
```

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

```
.background{ background-color: rgb(192,  
236, 229) }
```

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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