

Converting Colors

XYZ(64.5398, 76.1143, 78.8838)

Have a look what the booklet for
XYZ(64.5398, 76.1143, 78.8838)
contains.

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Color

**XYZ(64.6519, 76.3647,
79.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	C0ECDC
RGB	192, 236, 220
RGB Percent	75%, 93%, 86%
CMY	0.2471, 0.0745, 0.1372
CMYK	0.19, 0.00, 0.07, 0.07
HSL	158°, 54%, 84%
HSV	158°, 19%, 93%
XYZ	64.6519, 76.3647, 79.0425
YIQ	221.0200, -21.0880, -14.3040

Conversions

Conversions Part 2

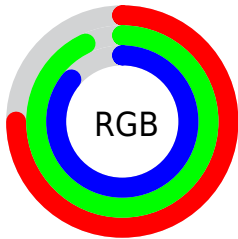
Format	Color
R _{YB}	192, 219, 236
Decimal	12643548
CIE Lab	90.03, -17.29, 3.06
CIE LCh	90, 17.559, 169.965
Yxy	76.3647, 0.2938, 0.3470
Android (android.graphics.Color)	4290833628 (0xFFC0ECDC)
YUV	221.0200, -0.5029, -25.4505
Hunter-Lab	87.3869, -20.8665, 7.5423

Details

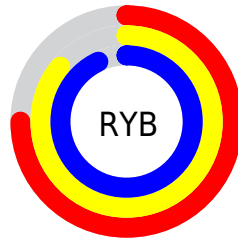
The XYZ color **64.6519, 76.3647, 79.0425** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.8295, 60.0880, 67.8590**, and the grayscale version is **68.7570, 72.3378, 78.7758**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **33.5940, 40.7624, 41.6946** is the 20% darker color. If you saturate the color by 10%, you get **58.0413, 73.0869, 72.9516**, and if you desaturate by 10%, it is **72.2833, 80.1662, 85.4891**.

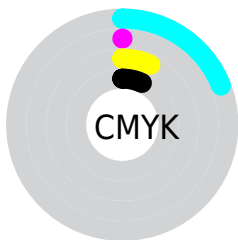
Distribution



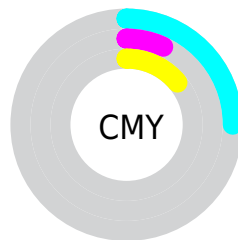
- Red (75%)
- Green (93%)
- Blue (86%)



- Red (75%)
- Yellow (86%)
- Blue (93%)



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



- Cyan (25%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6519, 76.3647, 79.0425 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 64.6519, 76.3647, 79.0425 by changing the saturation by 10% instead.

64.6519, 76.3647,
79.0425

64.6519, 76.3647,
79.0425

431.1050,
482.5952, 511.3215

47.4425, 56.7316,
58.4092

110.6177,
128.2423, 133.8179

33.5950, 40.7898,
41.7209

140.1049,
161.2556, 168.7971

22.7441, 28.1549,
28.5588

174.4154,
199.4978, 209.3954

14.5243, 18.4424,
18.5046

213.9146,
243.3532, 256.0312

8.5704, 11.2681,
11.1397

258.9678,
293.2062, 309.1233

4.5169, 6.2475,
6.0455

309.9403,

1.9985, 2.9961,

349.4413, 369.0899

2.8036

367.1976,
412.4429, 436.3499

■ 0.6331, 1.1297,
0.9952

■ 0.0000, 0.0031,
0.0000

■ 64.6519, 76.3647,
79.0425

■ 64.6519, 76.3647,
79.0425

■ 58.0413, 73.0869,
72.9516

■ 72.2833, 80.1662,
85.4891

■ 52.3988, 70.2994,
67.2047

■ 80.9726, 84.5041,
92.2927

■ 47.6761, 67.9796,
61.7963

■ 87.8333, 87.8923,
99.3242

■ 43.8186, 66.0994,
56.7193

■ 89.1799, 88.4310,
106.4153

■ 40.7653, 64.6274,
51.9658

■ 89.2869, 88.4738,
106.9790

■ 38.4469, 63.5280,
47.5278

■ 36.7817, 62.7593,
43.3962

■ 35.6502, 62.2598,
39.5602

■ 35.5159, 62.2014,
39.0619

Harmonies

Analogous

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



66.3634, 76.3647, 68.6683



64.6519, 76.3647, 79.0425



64.9995, 76.3647, 91.6004

Triad

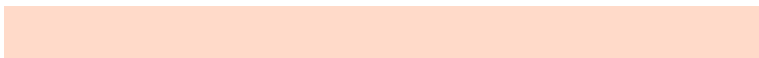
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6519, 76.3647, 79.0425



75.4766, 76.3647, 107.7628



78.0981, 76.3647, 66.1192

Complementary

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



64.6519, 76.3647, 79.0425



64.8295, 60.0880, 67.8590

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.



80.7332, 76.3647, 75.2326



64.6519, 76.3647, 79.0425



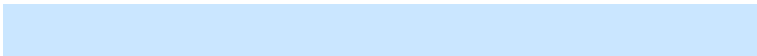
79.1782, 76.3647, 99.5327

Square

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



64.6519, 76.3647, 79.0425



71.1342, 76.3647, 109.0437



81.1362, 76.3647, 87.3936



74.0500, 76.3647, 61.7158

Rectangle

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



64.6519, 76.3647, 79.0425



66.3571, 76.3647, 99.5072



81.1362, 76.3647, 87.3936



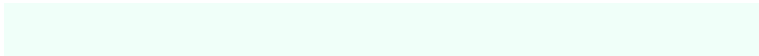
79.1852, 76.3647, 68.6882

Sweetspot

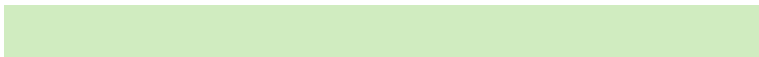
The Sweet Spot groups the original color and five complimentary colors.



64.6540, 76.3679, 79.0442



88.7603, 96.8596, 103.9968



65.5623, 77.2293, 61.3214



18.8578, 20.6618, 22.1474



0.0000, 0.0000, 0.0000



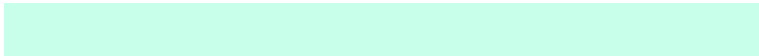
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6540, 76.3679, 79.0442



74.2239, 89.6233, 91.6797



65.2149, 73.9335, 90.1941



15.2717, 17.0235, 18.1138



19.6404, 34.3106, 21.8691



1.5881, 2.7126, 1.9589

Inverse Universe

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



64.8295, 60.0880, 67.8590



74.4665, 67.1913, 76.2713



64.2725, 61.9678, 58.4436



15.2919, 15.1446, 16.8223



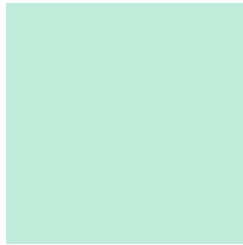
20.0466, 10.2213, 6.0466



1.6189, 0.8205, 0.7106

Previews

White Background



This preview shows how the XYZ color 64.6519, 76.3647, 79.0425 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 64.6519, 76.3647, 79.0425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

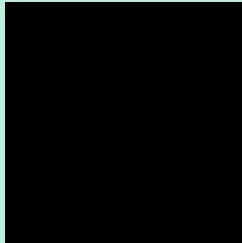
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

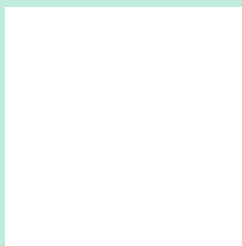
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6519, 76.3647, 79.0425

Background



This preview shows how black text looks on a background with the XYZ color 64.6519, 76.3647, 79.0425.



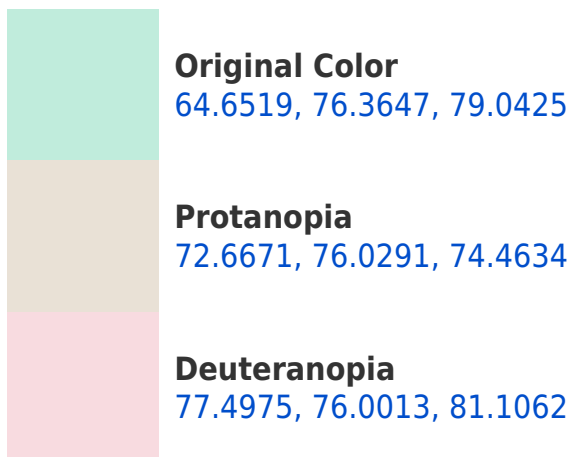
This preview shows how white text looks on a background with the XYZ color 64.6519, 76.3647,

79.0425.

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

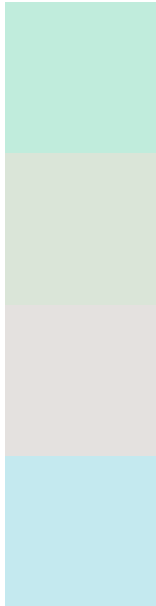




Tritanopia

69.4006, 76.6211, 101.5740

Trichromacy



Original Color

64.6519, 76.3647, 79.0425

Protanomaly

69.3274, 75.9019, 75.9623

Deuteranomaly

72.2394, 75.6721, 80.6108

Tritanomaly

67.4839, 76.2456, 92.8214

Monochromacy



Original Color

64.6519, 76.3647, 79.0425

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

66.8258, 73.3148, 79.0357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6519, 76.3647, 79.0425 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(192, 236, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 236, 220) }
```

Border

The CSS property to change the border of an element to XYZ 64.6519, 76.3647, 79.0425 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, 220) }
```


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

```
.border{ border-color:rgb(192, 236, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 236, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 236, 220);  
box-shadow:4px 4px 4px 4px rgb(192, 236,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6519, 76.3647, 79.0425 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, 220) }
```

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

```
.background{ background-color: rgb(192,  
236, 220) }
```

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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