

Converting Colors

XYZ(66.0614, 76.3034, 64.3103)

Have a look what the booklet for
XYZ(66.0614, 76.3034, 64.3103)
contains.

XYZ(65.7953, 76.0107, 64.0271)	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(65.7953, 76.0107,
64.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E9C5
RGB	210, 233, 197
RGB Percent	82%, 91%, 77%
CMY	0.1765, 0.0863, 0.2274
CMYK	0.10, 0.00, 0.15, 0.09
HSL	98°, 45%, 84%
HSV	98°, 15%, 91%
XYZ	65.7953, 76.0107, 64.0271
YIQ	222.0190, -2.1520, -16.0720

Conversions

Conversions Part 2

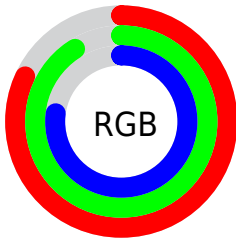
Format	Color
RYB	197, 233, 220
Decimal	13822405
CIELab	89.86, -14.01, 14.97
CIELCh	90, 20.498, 133.101
Yxy	76.0107, 0.3197, 0.3693
Android (android.graphics.Color)	4292012485 (0xFFD2E9C5)
YUV	222.0190, -12.3344, -10.5407
Hunter-Lab	87.1841, -17.8635, 17.4869

Details

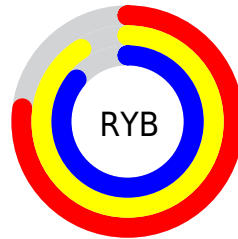
The XYZ color **65.7953, 76.0107, 64.0271** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.1925, 61.0335, 85.4922**, and the grayscale version is **69.5318, 73.1529, 79.6635**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **34.1976, 40.3960, 31.9814** is the 20% darker color. If you saturate the color by 10%, you get **59.2863, 72.9424, 50.8465**, and if you desaturate by 10%, it is **73.1155, 79.4539, 79.4029**.

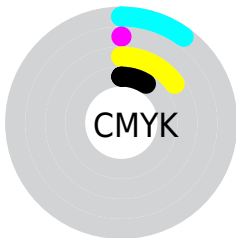
Distribution



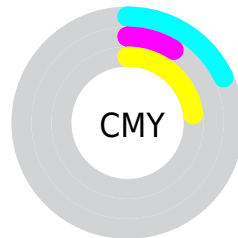
- Red (82%)
- Green (91%)
- Blue (77%)



- Red (77%)
- Yellow (91%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7953, 76.0107, 64.0271 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 65.7953, 76.0107, 64.0271 by changing the saturation by 10% instead.

■ 65.7953, 76.0107,
64.0271

■ 65.7953, 76.0107,
64.0271

435.1446,
481.3843, 457.4976

■ 48.3733, 56.4413,
46.2263

112.2518,
127.7420, 112.2498

■ 34.3351, 40.5568,
32.0745

142.0171,
160.6727, 143.5088

■ 23.3153, 27.9730,
21.1531

176.6276,
198.8260, 180.0909

■ 14.9484, 18.3053,
13.0436

216.4486,
242.5862, 222.4147

■ 8.8693, 11.1694,
7.3275

261.8454,
292.3377, 270.8988

■ 4.7125, 6.1809,
3.5862

313.1834,

■ 2.1126, 2.9554,

348.4650, 325.9616

1.4012

370.8281,
411.3524, 388.0217

0.6960, 1.1085,
0.1427

0.0000, 0.0000,
0.0000

65.7953, 76.0107,
64.0271

65.7953, 76.0107,
64.0271

59.2863, 72.9424,
50.8465

73.1155, 79.4539,
79.4029

53.5527, 70.2262,
39.7562

81.2688, 83.2747,
97.0625

48.5651, 67.8514,
30.6499

88.3071, 86.6973,
106.6877

44.2896, 65.8031,
23.4104

88.4304, 86.7609,
106.6935

■ 40.6893, 64.0651,
17.9077

■ 37.7235, 62.6197,
13.9955

■ 35.3462, 61.4469,
11.5032

■ 33.5029, 60.5231,
10.2209

■ 32.8080, 60.1716,
9.8851

Harmonies

Analogous

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



70.0613, 76.0107, 58.4668



65.7953, 76.0107, 64.0271



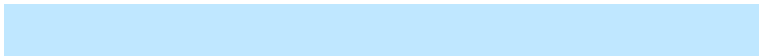
63.3247, 76.0107, 74.9191

Triad

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



65.7953, 76.0107, 64.0271



69.4525, 76.0107, 112.4123



82.1497, 76.0107, 76.6017

Complementary

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



65.7953, 76.0107, 64.0271



64.1925, 61.0335, 85.4922

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.



81.9679, 76.0107, 91.1356



65.7953, 76.0107, 64.0271



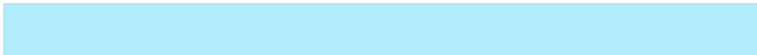
74.4754, 76.0107, 112.9999

Square

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



65.7953, 76.0107, 64.0271



65.3676, 76.0107, 103.3150



79.1049, 76.0107, 104.8373



79.5905, 76.0107, 65.1345

Rectangle

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



65.7953, 76.0107, 64.0271



62.9534, 76.0107, 84.2804



79.1049, 76.0107, 104.8373



82.4105, 76.0107, 81.2634

Sweetspot

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



65.7973, 76.0140, 64.0288



90.1307, 97.6934, 98.3077



69.2261, 72.4395, 63.1581



19.1482, 20.8430, 20.7355



0.0000, 0.0000, 0.0000



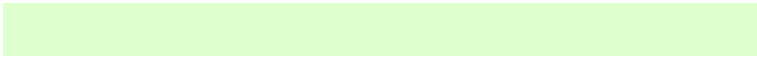
20.3446, 21.4041, 23.3091

Same Dimension

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



65.7973, 76.0140, 64.0288



77.7213, 91.8572, 72.3773



62.8042, 74.4064, 66.8063



15.3817, 17.1268, 16.0138



18.7385, 34.2045, 5.6145



1.5734, 2.7385, 0.4456

Inverse Universe

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



64.1925, 61.0335, 85.4922



75.3485, 69.7198, 104.0937



67.6048, 62.8708, 82.1201



15.1568, 15.0261, 19.0237



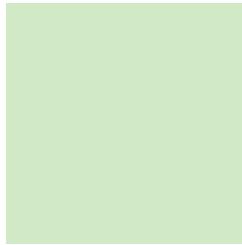
15.5058, 7.0295, 44.2825



1.3222, 0.6059, 3.4821

Previews

White Background



This preview shows how the XYZ color 65.7953, 76.0107, 64.0271 looks on a white background.

Color Contrast Check

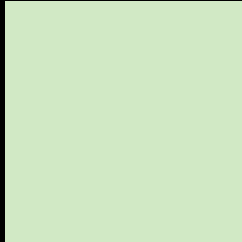
Large Text (above 18pt) WCAG AA × Fail

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 65.7953, 76.0107, 64.0271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

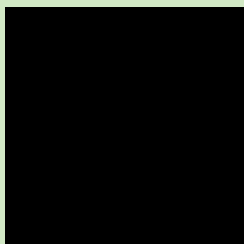
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

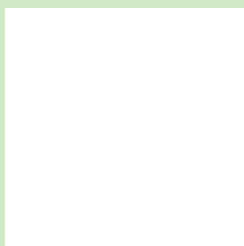
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7953, 76.0107, 64.0271

Background



This preview shows how black text looks on a background with the XYZ color 65.7953, 76.0107, 64.0271.

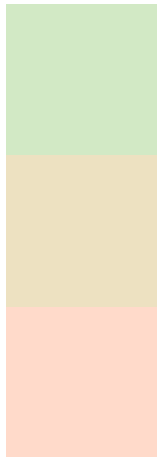


This preview shows how white text looks on a background with the XYZ color 65.7953, 76.0107,

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

65.7953, 76.0107, 64.0271

Protanopia

71.4759, 75.7052, 61.2975

Deuteranopia

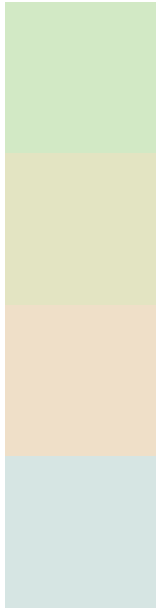
76.9721, 75.6671, 66.4255



Tritanopia

72.1408, 75.6761, 96.3927

Trichromacy



Original Color

65.7953, 76.0107, 64.0271

Protanomaly

69.1596, 75.7127, 62.0079

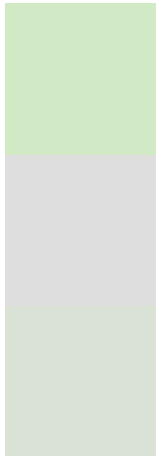
Deuteranomaly

72.4096, 75.2962, 65.3608

Tritanomaly

69.6160, 75.8808, 83.6504

Monochromacy



Original Color

65.7953, 76.0107, 64.0271

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.1200, 74.1022, 73.6636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7953, 76.0107, 64.0271 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(210, 233, 197)` looks like.

```
.text, #text, p{  
    color:rgb(210, 233, 197)  
}
```

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(210, 233, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 233, 197) }
```

Border

The CSS property to change the border of an element to XYZ 65.7953, 76.0107, 64.0271 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(210, 233, 197) }
```


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

```
.border{ border-color:rgb(210, 233, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 233, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 233, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 233, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 233,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7953, 76.0107, 64.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 233, 197) }
```

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

```
.background{ background-color: rgb(210,  
233, 197) }
```

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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