

Converting Colors

XYZ(65.0914, 76.2635, 66.8259)

Have a look what the booklet for
XYZ(65.0914, 76.2635, 66.8259)
contains.

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Color

**XYZ(65.1528, 76.4711,
66.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	CCEBC9
RGB	204, 235, 201
RGB Percent	80%, 92%, 79%
CMY	0.2000, 0.0784, 0.2118
CMYK	0.13, 0.00, 0.14, 0.08
HSL	115°, 46%, 85%
HSV	115°, 14%, 92%
XYZ	65.1528, 76.4711, 66.5848
YIQ	221.8550, -7.5620, -17.1460

Conversions

Conversions Part 2

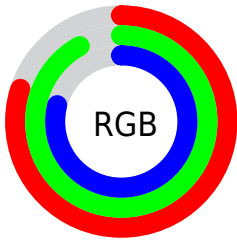
Format	Color
R_{YB}	201, 235, 232
Decimal	13429705
CIE _{Lab}	90.08, -16.37, 13.13
CIE _{LCh}	90, 20.987, 141.263
Yxy	76.4711, 0.3129, 0.3673
Android (android.graphics.Color)	4291619785 (0xFFCCEBC9)
YUV	221.8550, -10.2815, -15.6588
Hunter-Lab	87.4478, -20.0425, 16.0686

Details

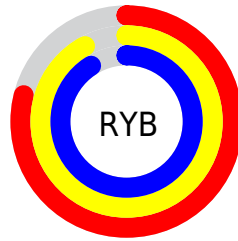
The XYZ color **65.1528, 76.4711, 66.5848** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.1638, 64.9294, 87.4886**, and the grayscale version is **69.4047, 73.0191, 79.5178**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9642, 40.8308, 33.6948** is the 20% darker color. If you saturate the color by 10%, you get **57.1229, 72.6291, 52.8656**, and if you desaturate by 10%, it is **74.4178, 80.9054, 82.5728**.

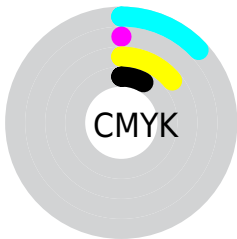
Distribution



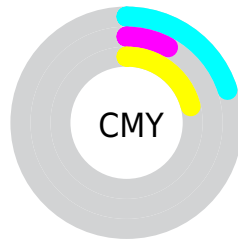
- Red (80%)
- Green (92%)
- Blue (79%)



- Red (79%)
- Yellow (92%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1528, 76.4711, 66.5848 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 65.1528, 76.4711, 66.5848 by changing the saturation by 10% instead.

65.1528, 76.4711,
66.5848

65.1528, 76.4711,
66.5848

432.8774,
482.9588, 466.9266

47.8501, 56.8189,
48.2878

111.3340,
128.3926, 115.9603

33.9190, 40.8599,
33.6933

140.9433,
161.4307, 147.8758

22.9940, 28.2096,
22.3826

175.3854,
199.6996, 185.1680

14.7097, 18.4837,
13.9373

215.0259,
243.5835, 228.2553

8.7009, 11.2978,
7.9388

260.2299,
293.4671, 277.5562

4.6022, 6.2675,
3.9686

311.3630,

2.0481, 3.0084,

349.7345, 333.4894

1.6081

368.7903,
412.7703, 396.4734

■ 0.6608, 1.1361,
0.2966

■ 0.0000, 0.0086,
0.0000

■ 65.1528, 76.4711,
66.5848

■ 65.1528, 76.4711,
66.5848

■ 57.1229, 72.6291,
52.8656

■ 74.4178, 80.9054,
82.5728

■ 50.2701, 69.3451,
41.3076

■ 84.9607, 85.9452,
100.9205

■ 44.5407, 66.5959,
31.8023

■ 88.9998, 87.8997,
106.8833

■ 39.8745, 64.3532,
24.2296

■ 36.2058, 62.5859,
18.4571

■ 33.4613, 61.2594,
14.3354

■ 31.5577, 60.3346,
11.6917

■ 30.3963, 59.7652,
10.3145

■ 30.0134, 59.5762,
9.9175

Harmonies

Analogous

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



69.1140, 76.4711, 59.3064



65.1528, 76.4711, 66.5848



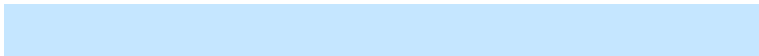
63.2331, 76.4711, 78.9853

Triad

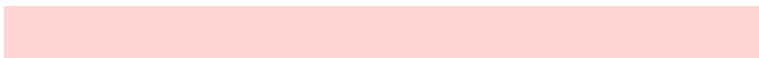
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.1528, 76.4711, 66.5848



71.1737, 76.4711, 114.9297



82.4154, 76.4711, 73.2959

Complementary

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



65.1528, 76.4711, 66.5848



69.1638, 64.9294, 87.4886

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.



83.0314, 76.4711, 87.6945



65.1528, 76.4711, 66.5848



76.3738, 76.4711, 112.9349

Square

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



65.1528, 76.4711, 66.5848



66.5988, 76.4711, 107.6832



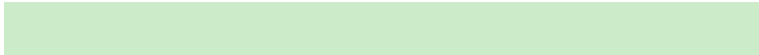
80.7732, 76.4711, 102.5191



79.1279, 76.4711, 62.8473

Rectangle

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



65.1528, 76.4711, 66.5848



63.3030, 76.4711, 88.9886



80.7732, 76.4711, 102.5191



82.9478, 76.4711, 77.7904

Sweetspot

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



65.1549, 76.4744, 66.5865



90.1117, 97.6389, 100.3230



73.5510, 79.3713, 66.7031



19.0948, 20.8066, 21.1390



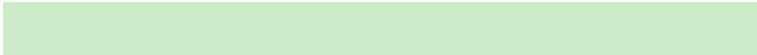
0.0000, 0.0000, 0.0000



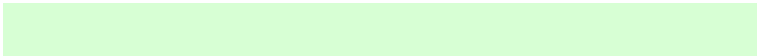
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1549, 76.4744, 66.5865



75.7633, 90.7747, 75.5843



66.0125, 76.7234, 75.3528



14.9915, 16.9256, 15.9956



16.7472, 33.1780, 5.5213



1.3574, 2.6271, 0.4355

Inverse Universe

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



69.1638, 64.9294, 87.4886



81.3532, 74.6741, 104.7335



68.2548, 64.6792, 77.5760



15.5762, 15.2423, 19.0434



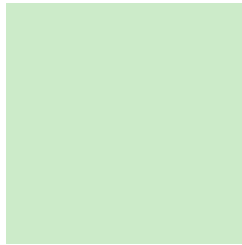
23.8792, 11.3461, 44.6744



1.9136, 0.9108, 3.5098

Previews

White Background



This preview shows how the XYZ color 65.1528, 76.4711, 66.5848 looks on a white background.

Color Contrast Check

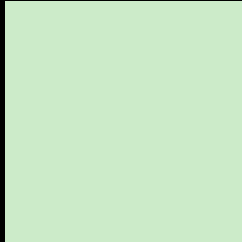
Large Text (above 18pt) WCAG AA × Fail

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 65.1528, 76.4711, 66.5848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

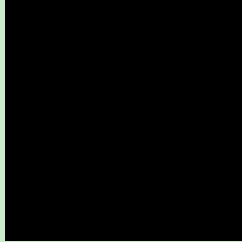
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

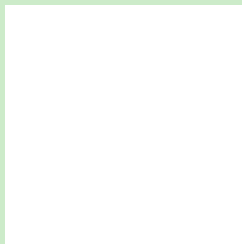
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1528, 76.4711, 66.5848

Background



This preview shows how black text looks on a background with the XYZ color 65.1528, 76.4711, 66.5848.

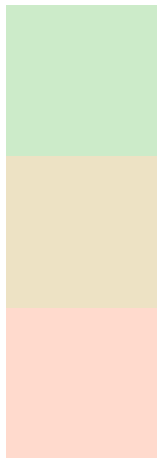


This preview shows how white text looks on a background with the XYZ color 65.1528, 76.4711,

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

65.1528, 76.4711, 66.5848

Protanopia

72.0852, 76.3828, 63.1686

Deuteranopia

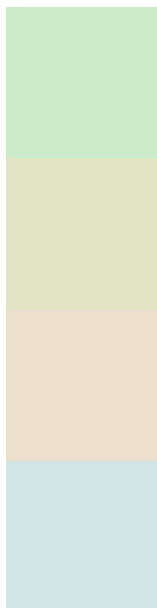
77.3308, 75.8106, 68.3147



Tritanopia

71.6718, 76.6029, 99.0040

Trichromacy



Original Color

65.1528, 76.4711, 66.5848

Protanomaly

69.2637, 76.1234, 64.4688

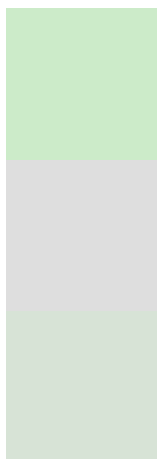
Deuteranomaly

72.1468, 75.5038, 67.8979

Tritanomaly

68.8713, 76.2749, 85.9555

Monochromacy



Original Color

65.1528, 76.4711, 66.5848

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.6310, 74.2403, 74.3836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1528, 76.4711, 66.5848 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(204, 235, 201)` looks like.

```
.text, #text, p{  
    color:rgb(204, 235, 201)  
}
```

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(204, 235, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 235, 201) }
```

Border

The CSS property to change the border of an element to XYZ 65.1528, 76.4711, 66.5848 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(204, 235, 201) }
```


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

```
.border{ border-color:rgb(204, 235, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 235, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 235, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 235, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 235,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1528, 76.4711, 66.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 235, 201) }
```

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

```
.background{ background-color: rgb(204,  
235, 201) }
```

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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