

Converting Colors

XYZ(66.0163, 76.7744, 66.0067)

Have a look what the booklet for
XYZ(66.0163, 76.7744, 66.0067)
contains.

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Color

**XYZ(66.1461, 76.9967,
66.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EBC8
RGB	208, 235, 200
RGB Percent	82%, 92%, 78%
CMY	0.1843, 0.0784, 0.2157
CMYK	0.11, 0.00, 0.15, 0.08
HSL	106°, 47%, 85%
HSV	106°, 15%, 92%
XYZ	66.1461, 76.9967, 66.0192
YIQ	222.9370, -4.8570, -16.6090

Conversions

Conversions Part 2

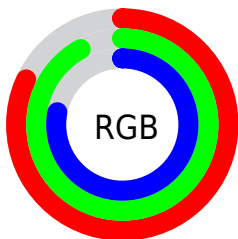
Format	Color
R_{YB}	200, 235, 227
Decimal	13691848
CIE _{Lab}	90.32, -15.19, 14.03
CIE _{LCh}	90, 20.677, 137.261
Yxy	76.9967, 0.3162, 0.3681
Android (android.graphics.Color)	4291881928 (0xFFD0EBC8)
YUV	222.9370, -11.3079, -13.0997
Hunter-Lab	87.7478, -19.0016, 16.8151

Details

The XYZ color **66.1461, 76.9967, 66.0192** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.3314, 63.6398, 87.3363**, and the grayscale version is **70.1765, 73.8312, 80.4022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4453, 41.0878, 33.3094** is the 20% darker color. If you saturate the color by 10%, you get **58.7991, 73.5048, 52.4237**, and if you desaturate by 10%, it is **74.5022, 80.9645, 81.8688**.

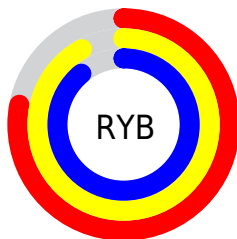
Distribution



Red (82%)

Green (92%)

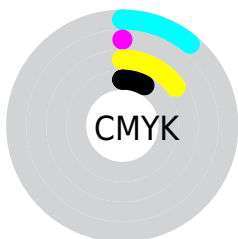
Blue (78%)



Red (78%)

Yellow (92%)

Blue (89%)

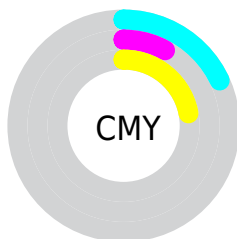


Cyan (11%)

Magenta (0%)

Yellow (15%)

Black (8%)



Cyan (18%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1461, 76.9967, 66.0192 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 66.1461, 76.9967, 66.0192 by changing the saturation by 10% instead.

■ 66.1461, 76.9967,
66.0192

■ 66.1461, 76.9967,
66.0192

436.3796,
484.7528, 464.8516

■ 48.6592, 57.2502,
47.8314

112.7526,
129.1348, 115.1412

■ 34.5626, 41.2061,
33.3344

142.6028,
162.2952, 146.9124

■ 23.4911, 28.4802,
22.1095

177.3048,
200.6957, 184.0485

■ 15.0792, 18.6879,
13.7383

217.2240,
244.7206, 226.9681

■ 8.9617, 11.4450,
7.8022

262.7258,
294.7543, 276.0897

■ 4.7731, 6.3670,
3.8827

314.1754,

■ 2.1481, 3.0695,

351.1814, 331.8318

1.5612

371.9382,
414.3861, 394.6129

■ 0.7152, 1.1681,
0.2629

■ 0.0000, 0.0354,
0.0000

■ 66.1461, 76.9967,
66.0192

■ 66.1461, 76.9967,
66.0192

■ 58.7991, 73.5048,
52.4237

■ 74.5022, 80.9645,
81.8688

■ 52.4162, 70.4611,
40.9751

■ 83.8978, 85.4152,
100.0630

■ 46.9582, 67.8500,
31.5651

■ 88.9999, 87.8997,
106.8833

■ 42.3807, 65.6512,
24.0739

■ 38.6353, 63.8428,
18.3692

■ 35.6690, 62.4006,
14.3021

■ 33.4219, 61.2974,
11.6992

■ 31.8236, 60.5017,
10.3485

■ 31.2154, 60.1959,
9.9737

Harmonies

Analogous

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



70.2829, 76.9967, 59.5578



66.1461, 76.9967, 66.0192



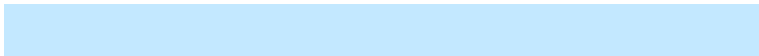
63.9400, 76.9967, 77.7348

Triad

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



66.1461, 76.9967, 66.0192



71.0204, 76.9967, 114.6637



83.0562, 76.9967, 75.6970

Complementary

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



66.1461, 76.9967, 66.0192



67.3314, 63.6398, 87.3363

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.



83.2765, 76.9967, 90.2491



66.1461, 76.9967, 66.0192



76.1619, 76.9967, 113.9514

Square

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



66.1461, 76.9967, 66.0192



66.6641, 76.9967, 106.4463



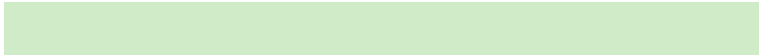
80.7022, 76.9967, 104.6012



80.1137, 76.9967, 64.6787

Rectangle

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



66.1461, 76.9967, 66.0192



63.7899, 76.9967, 87.4733



80.7022, 76.9967, 104.6012



83.4559, 76.9967, 80.3016

Sweetspot

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



66.1482, 77.0000, 66.0209



90.6149, 97.8983, 100.3466



72.1130, 76.6828, 65.6453



19.2217, 20.8719, 21.1450



0.0000, 0.0000, 0.0000



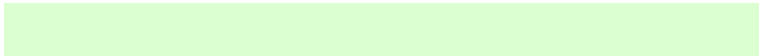
20.3446, 21.4041, 23.3091

Same Dimension

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



66.1482, 77.0000, 66.0209



76.6721, 91.2801, 73.9643



65.0801, 76.3195, 71.8411



15.1904, 17.0282, 16.0049



17.4635, 33.5473, 5.5548



1.4533, 2.6765, 0.4400

Inverse Universe

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



67.3314, 63.6398, 87.3363



78.3606, 72.1946, 104.4126



68.5998, 64.4455, 80.5387



15.3587, 15.1302, 19.0332



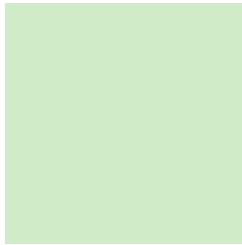
19.1061, 8.8855, 44.4510



1.5823, 0.7400, 3.4943

Previews

White Background



This preview shows how the XYZ color 66.1461, 76.9967, 66.0192 looks on a white background.

Color Contrast Check

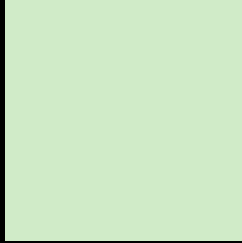
Large Text (above 18pt) WCAG AA × Fail

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 66.1461, 76.9967, 66.0192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

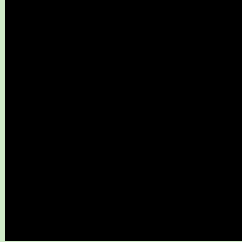
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

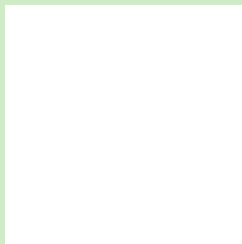
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1461, 76.9967, 66.0192

Background



This preview shows how black text looks on a background with the XYZ color 66.1461, 76.9967, 66.0192.

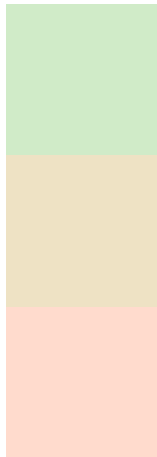


This preview shows how white text looks on a background with the XYZ color 66.1461, 76.9967,

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

66.1461, 76.9967, 66.0192

Protanopia

72.4201, 76.5554, 63.1843

Deuteranopia

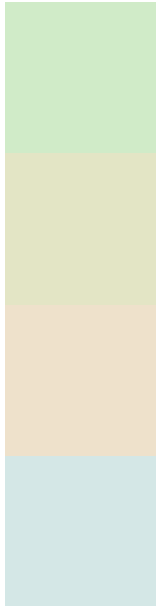
77.5910, 76.3308, 68.4014



Tritanopia

72.5562, 76.6493, 98.9664

Trichromacy



Original Color

66.1461, 76.9967, 66.0192

Protanomaly

69.7759, 76.4007, 63.8926

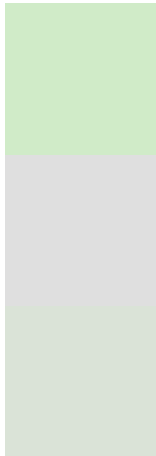
Deuteranomaly

72.9646, 76.3394, 67.3892

Tritanomaly

70.0102, 76.8620, 86.0088

Monochromacy



Original Color

66.1461, 76.9967, 66.0192

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.6483, 74.7499, 75.1000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1461, 76.9967, 66.0192 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(208, 235, 200)` looks like.

```
.text, #text, p{  
    color:rgb(208, 235, 200)  
}
```

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(208, 235, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 235, 200) }
```

Border

The CSS property to change the border of an element to XYZ 66.1461, 76.9967, 66.0192 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(208, 235, 200) }
```


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

```
.border{ border-color:rgb(208, 235, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 235, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 235, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 235, 200); box-shadow:4px 4px 4px 4px rgb(208, 235, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1461, 76.9967, 66.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 235, 200) }
```

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

```
.background{ background-color: rgb(208,  
235, 200) }
```

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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