

Converting Colors

XYZ(66.6091, 78.9024, 56.9744)

Have a look what the booklet for
XYZ(66.6091, 78.9024, 56.9744)
contains.

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Color

**XYZ(66.3776, 78.6068,
57.0216)**

Conversions

Conversions Part 1

Format	Color
Hex	D4EEB8
RGB	212, 238, 184
RGB Percent	83%, 93%, 72%
CMY	0.1686, 0.0666, 0.2784
CMYK	0.11, 0.00, 0.23, 0.07
HSL	89°, 61%, 83%
HSV	89°, 23%, 93%
XYZ	66.3776, 78.6068, 57.0216
YIQ	224.0700, 1.8380, -22.3060

Conversions

Conversions Part 2

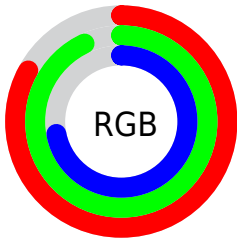
Format	Color
RYB	184, 238, 210
Decimal	13954744
CIELab	91.06, -17.84, 23.37
CIELCh	91, 29.403, 127.360
Yxy	78.6068, 0.3286, 0.3891
Android (android.graphics.Color)	4292144824 (0xFFD4EEB8)
YUV	224.0700, -19.7545, -10.5854
Hunter-Lab	88.6605, -21.5179, 23.9302

Details

The XYZ color **66.3776, 78.6068, 57.0216** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.1547, 54.1579, 88.2289**, and the grayscale version is **71.0392, 74.7388, 81.3905**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **34.7293, 42.2627, 27.7998** is the 20% darker color. If you saturate the color by 10%, you get **60.9028, 76.0512, 44.8197**, and if you desaturate by 10%, it is **72.5109, 81.4581, 71.4486**.

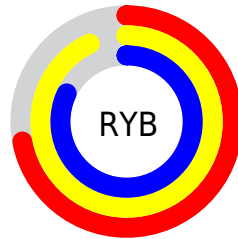
Distribution



Red (83%)

Green (93%)

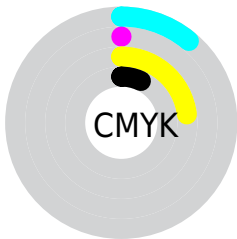
Blue (72%)



Red (72%)

Yellow (93%)

Blue (82%)

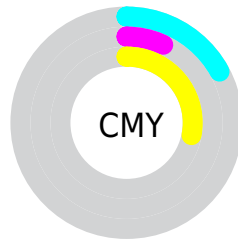


Cyan (11%)

Magenta (0%)

Yellow (23%)

Black (7%)



Cyan (17%)

Magenta (7%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3776, 78.6068, 57.0216 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 66.3776, 78.6068, 57.0216 by changing the saturation by 10% instead.

 66.3776, 78.6068,
57.0216

 66.3776, 78.6068,
57.0216


437.1935,
490.2252, 431.0263

 48.8478, 58.5726,
40.6131


 113.0828,
131.4052, 101.9974

 34.7128, 42.2691,
27.6995


142.9890,
164.9381, 131.4017

 23.6072, 29.3121,
17.8622


177.7514,
203.7394, 165.9751

 15.1657, 19.3170,
10.6827

217.7353,
248.1935, 206.1360

 9.0228, 11.8996,
5.7424

263.3061,
298.6847, 252.3030

 4.8133, 6.6753,
2.6228

314.8292,

 2.1718, 3.2599,

355.5974, 304.8947

0.9042

372.6699,
419.3161, 364.3296

0.7278, 1.2689,
0.0000

0.0000, 0.1169,
0.0000

66.3776, 78.6068,
57.0216

66.3776, 78.6068,
57.0216

60.9028, 76.0512,
44.8197

72.5109, 81.4581,
71.4486

56.0544, 73.7702,
34.7270

79.3207, 84.6050,
88.1985

51.8068, 71.7554,
26.6248

86.7669, 88.0346,
107.0270

48.1297, 69.9941,
20.3807

89.8662, 89.6323,
107.1721

■ 44.9895, 68.4724,
15.8462

■ 42.3482, 67.1744,
12.8500

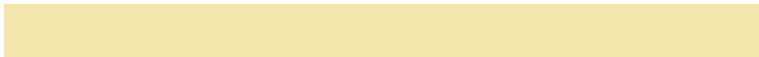
■ 40.1608, 66.0813,
11.1851

■ 38.8013, 65.3925,
10.5770

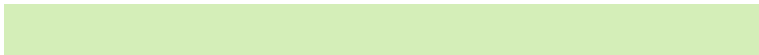
Harmonies

Analogous

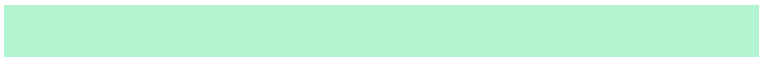
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8987, 78.6068, 51.0955



66.3776, 78.6068, 57.0216



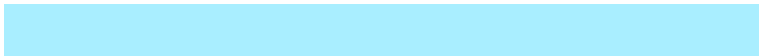
62.2921, 78.6068, 70.7906

Triad

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



66.3776, 78.6068, 57.0216



69.3496, 78.6068, 129.1619



89.7915, 78.6068, 80.4557

Complementary

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



66.3776, 78.6068, 57.0216



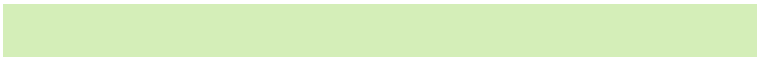
59.1547, 54.1579, 88.2289

Split Complementary

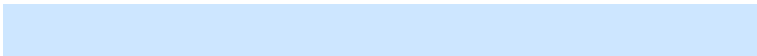
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6851, 78.6068, 102.3192



66.3776, 78.6068, 57.0216



76.5580, 78.6068, 132.9006

Square

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



66.3776, 78.6068, 57.0216



63.9269, 78.6068, 112.8865



83.7194, 78.6068, 122.3898



86.6497, 78.6068, 63.0909

Rectangle

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



66.3776, 78.6068, 57.0216



61.3356, 78.6068, 83.7195



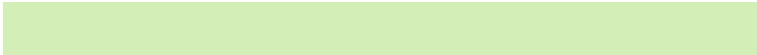
83.7194, 78.6068, 122.3898



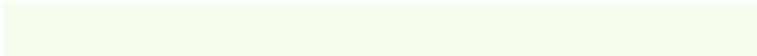
89.9074, 78.6068, 87.4870

Sweetspot

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



66.3797, 78.6102, 57.0233



89.2161, 97.3092, 94.3161



66.7642, 67.3399, 54.8276



18.9923, 20.7803, 19.9322



0.0000, 0.0000, 0.0000



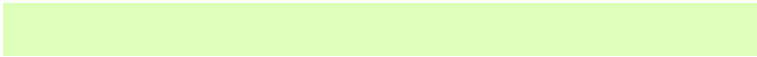
20.3446, 21.4041, 23.3091

Same Dimension

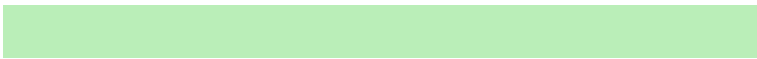
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.3797, 78.6102, 57.0233



74.7159, 90.5768, 60.0832



59.4298, 75.0274, 56.6981



16.3477, 18.0594, 16.7739



21.7965, 36.5580, 5.9076



1.9281, 3.1005, 0.4968

Inverse Universe

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



59.1547, 54.1579, 88.2289



64.9456, 57.5083, 102.2850



67.2347, 58.3233, 88.6071



15.6216, 15.6022, 19.9098



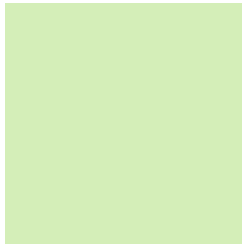
12.6734, 5.5388, 45.5290



1.1686, 0.5197, 3.7929

Previews

White Background



This preview shows how the XYZ color 66.3776, 78.6068, 57.0216 looks on a white background.

Color Contrast Check

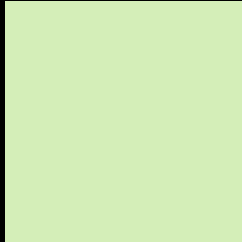
Large Text (above 18pt) WCAG AA × Fail

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 66.3776, 78.6068, 57.0216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

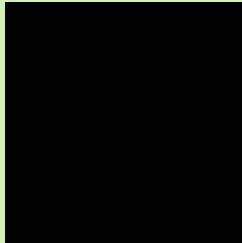
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

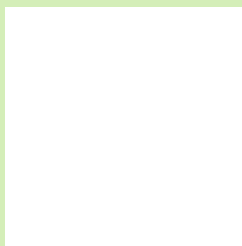
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3776, 78.6068, 57.0216

Background



This preview shows how black text looks on a background with the XYZ color 66.3776, 78.6068, 57.0216.

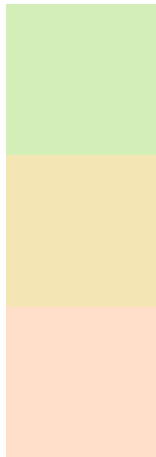


This preview shows how white text looks on a background with the XYZ color 66.3776, 78.6068,

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

66.3776, 78.6068, 57.0216

Protanopia

73.5658, 78.5670, 54.4676

Deuteranopia

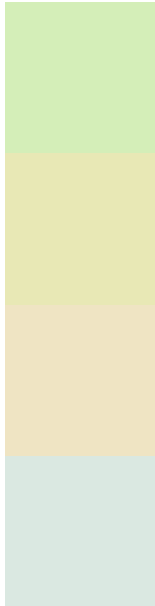
78.1703, 78.2524, 66.2425



Tritanopia

74.7814, 78.1881, 99.9573

Trichromacy



Original Color

66.3776, 78.6068, 57.0216

Protanomaly

70.4758, 78.2052, 55.0967

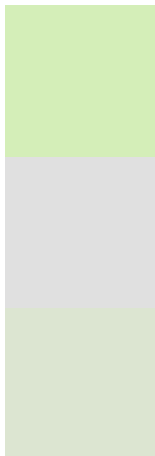
Deuteranomaly

73.1903, 77.7777, 62.7848

Tritanomaly

71.3607, 78.0549, 82.5392

Monochromacy



Original Color

66.3776, 78.6068, 57.0216

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.0431, 75.8577, 71.3246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3776, 78.6068, 57.0216 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(212, 238, 184)` looks like.

```
.text, #text, p{  
    color:rgb(212, 238, 184)  
}
```

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(212, 238, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 238, 184) }
```

Border

The CSS property to change the border of an element to XYZ 66.3776, 78.6068, 57.0216 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(212, 238, 184) }
```


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

```
.border{ border-color:rgb(212, 238, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 238, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 238, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 238, 184);  
box-shadow:4px 4px 4px 4px rgb(212, 238,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3776, 78.6068, 57.0216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 238, 184) }
```

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

```
.background{ background-color: rgb(212,  
238, 184) }
```

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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