

Converting Colors

XYZ(56.1476, 68.4654, 36.5161)

Have a look what the booklet for
XYZ(56.1476, 68.4654, 36.5161)
contains.

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Color

**XYZ(56.0466, 68.2816,
36.6112)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E190
RGB	201, 225, 144
RGB Percent	79%, 88%, 56%
CMY	0.2118, 0.1176, 0.4353
CMYK	0.11, 0.00, 0.36, 0.12
HSL	78°, 57%, 72%
HSV	78°, 36%, 88%
XYZ	56.0466, 68.2816, 36.6112
YIQ	208.5900, 11.6970, -30.2790

Conversions

Conversions Part 2

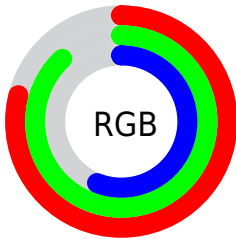
Format	Color
RYB	144, 225, 168
Decimal	13230480
CIELab	86.15, -21.01, 37.04
CIELCh	86, 42.583, 119.558
Yxy	68.2816, 0.3482, 0.4243
Android (android.graphics.Color)	4291420560 (0xFFC9E190)
YUV	208.5900, -31.8429, -6.6564
Hunter-Lab	82.6327, -23.5374, 31.5739

Details

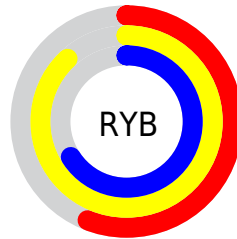
The XYZ color **56.0466, 68.2816, 36.6112** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.7151, 33.7095, 75.6515**, and the grayscale version is **60.5342, 63.6867, 69.3548**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **28.1606, 35.6331, 15.5189** is the 20% darker color. If you saturate the color by 10%, you get **52.7422, 66.7595, 28.3570**, and if you desaturate by 10%, it is **59.7751, 69.9869, 46.6771**.

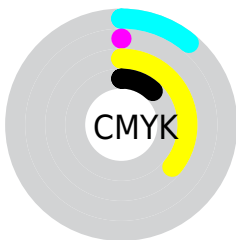
Distribution



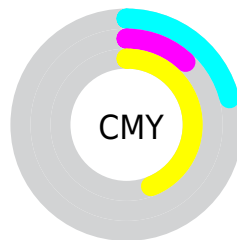
- Red (79%)
- Green (88%)
- Blue (56%)



- Red (56%)
- Yellow (88%)
- Blue (66%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)





- Cyan (21%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0466, 68.2816, 36.6112 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 56.0466, 68.2816, 36.6112 by changing the saturation by 10% instead.


 56.0466, 68.2816,
36.6112


 56.0466, 68.2816,
36.6112


399.9393,
454.4931, 346.7420

 40.4774, 50.1269,
24.6132


 98.2121, 116.7549,
71.1540

 28.0969, 35.5142,
15.5727


 125.5392,
147.8423, 94.5359

 18.5395, 24.0592,
9.0712


157.5163,
184.0093, 122.5495

 11.4400, 15.3776,
4.6902

194.5087,
225.6403, 155.6134

 6.4331, 9.0848,
2.0111

236.8819,
273.1199, 194.1460

 3.1533, 4.7965,
0.5621

285.0011,

 1.2354, 2.1284,

326.8322, 238.5660

0.0000

339.2318,
387.1618, 289.2918

■ 0.1340, 0.6805,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0466, 68.2816,
36.6112

■ 56.0466, 68.2816,
36.6112

■ 52.7422, 66.7595,
28.3570

■ 59.7751, 69.9869,
46.6771

■ 49.8352, 65.4030,
21.8021

■ 63.9422, 71.8745,
58.6491


■ 47.3037, 64.2055,
16.8288


■ 68.5680, 73.9547,
72.6205


■ 45.1212, 63.1561,
13.3022


■ 73.6697, 76.2347,
88.6772

 43.2567, 62.2425,
11.0652


 79.0203, 78.6236,
105.6188


 41.6722, 61.4493,
9.9230

 81.2553, 79.7757,
105.7234

 41.0911, 61.1555,
9.6385

 83.5736, 80.9709,
105.8319

 85.9761, 82.2094,
105.9443

 86.2167, 82.3334,
105.9556

Harmonies

Analogous

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



65.0450, 68.2816, 32.4075



56.0466, 68.2816, 36.6112



49.9811, 68.2816, 50.2338

Triad

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



56.0466, 68.2816, 36.6112



55.8188, 68.2816, 131.2071



85.6093, 68.2816, 74.7638

Complementary

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



56.0466, 68.2816, 36.6112



39.7151, 33.7095, 75.6515

Split Complementary

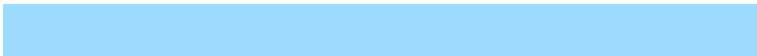
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5254, 68.2816, 105.1550



56.0466, 68.2816, 36.6112



64.7545, 68.2816, 142.3639

Square

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



56.0466, 68.2816, 36.6112



49.8592, 68.2816, 104.2498



74.6390, 68.2816, 131.8155



82.6960, 68.2816, 50.7906

Rectangle

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



56.0466, 68.2816, 36.6112



48.0866, 68.2816, 64.9951



74.6390, 68.2816, 131.8155



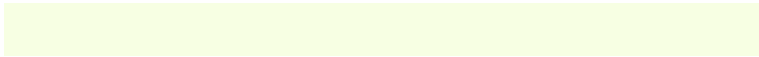
85.2354, 68.2816, 84.5557

Sweetspot

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



56.0483, 68.2846, 36.6127



87.8658, 96.7806, 86.6864



49.8974, 45.6424, 32.5665



18.6288, 20.6349, 18.0184



0.0000, 0.0000, 0.0000



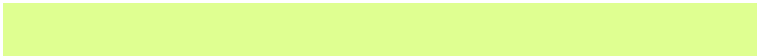
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0483, 68.2846, 36.6127



71.1769, 89.1846, 40.3927



46.7706, 63.5018, 36.1785



14.4555, 15.8150, 14.5975



23.7998, 35.3017, 5.5595



1.7382, 2.4925, 0.3895

Inverse Universe

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



39.7151, 33.7095, 75.6515



46.5536, 37.0246, 99.3006



49.4244, 38.7148, 76.1059



13.3319, 13.4391, 17.2790



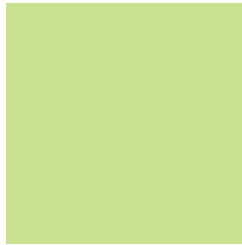
9.2551, 3.8665, 41.3069



0.7295, 0.3134, 2.8673

Previews

White Background



This preview shows how the XYZ color 56.0466, 68.2816, 36.6112 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 56.0466, 68.2816, 36.6112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

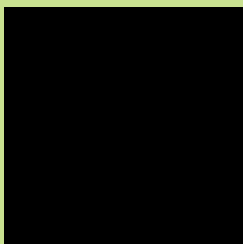
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

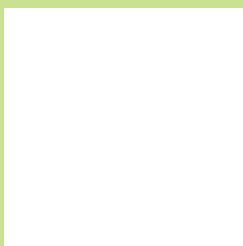
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0466, 68.2816, 36.6112

Background



This preview shows how black text looks on a background with the XYZ color 56.0466, 68.2816, 36.6112.



This preview shows how white text looks on a background with the XYZ color 56.0466, 68.2816,

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

56.0466, 68.2816, 36.6112

Protanopia

62.9657, 67.9868, 34.6150

Deuteranopia

68.9788, 67.6696, 39.1317



Tritanopia

65.9109, 68.0088, 85.2544

Trichromacy



Original Color

56.0466, 68.2816, 36.6112

Protanomaly

60.2634, 68.1157, 35.1707

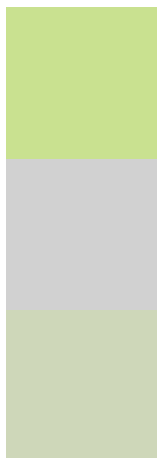
Deuteranomaly

63.4800, 67.4206, 38.1015

Tritanomaly

61.6747, 67.8216, 63.8731

Monochromacy



Original Color

56.0466, 68.2816, 36.6112

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.5110, 65.2255, 55.4049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0466, 68.2816, 36.6112 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(201, 225, 144)` looks like.

```
.text, #text, p{  
    color:rgb(201, 225, 144)  
}
```

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(201, 225, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 144) }
```

Border

The CSS property to change the border of an element to XYZ 56.0466, 68.2816, 36.6112 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(201, 225, 144) }
```


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

```
.border{ border-color:rgb(201, 225, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 225, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 225, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 225, 144);  
box-shadow:4px 4px 4px 4px rgb(201, 225,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0466, 68.2816, 36.6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 225, 144) }
```

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

```
.background{ background-color: rgb(201,  
225, 144) }
```

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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