

Converting Colors

YIQ(215.0680, 12.2060,
-56.0340)

Have a look what the booklet for
YIQ(215.0680, 12.2060, -56.0340)
contains.

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Color

**YIQ(215.0680, 12.2060,
-56.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	C0F86A
RGB	192, 248, 106
RGB Percent	75%, 97%, 42%
CMY	0.2473, 0.0273, 0.5841
CMYK	0.23, 0.00, 0.57, 0.03
HSL	84°, 91%, 69%
HSV	84°, 57%, 97%
XYZ	57.9021, 79.3896, 25.9187
YIQ	215.0680, 12.2060, -56.0340

Conversions

Conversions Part 2

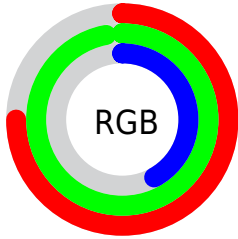
Format	Color
RYB	106, 248, 162
Decimal	12646506
CIELab	91.41, -39.12, 61.24
CIELCh	91, 72.666, 122.568
Yxy	79.3896, 0.3548, 0.4864
Android (android.graphics.Color)	4290836586 (0xFFC0F86A)
YUV	215.0680, -53.7705, -20.2306
Hunter-Lab	89.1008, -39.9285, 45.1236

Details

The YIQ color **215.0680, 12.2060, -56.0340** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **138.9320, -12.2060, 56.0340**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0880, 27.7900, -30.0820**, and **158.1820, 11.8850, -55.7230** is the 20% darker color. If you saturate the color by 10%, you get **209.2280, 14.2710, -65.9290**, and if you desaturate by 10%, it is **220.9080, 10.1410, -46.1390**.

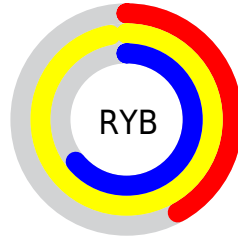
Distribution



Red (75%)

Green (97%)

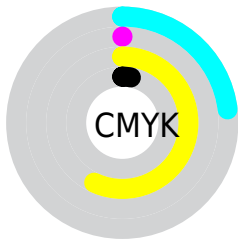
Blue (42%)



Red (42%)

Yellow (97%)

Blue (64%)

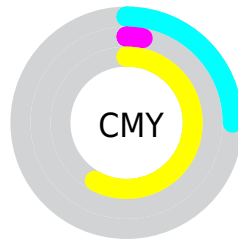


Cyan (23%)

Magenta (0%)

Yellow (57%)

Black (3%)



Cyan (25%)

Magenta (3%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.0680, 12.2060, -56.0340 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 YIQ color 215.0680, 12.2060, -56.0340 by changing the saturation by 10% instead.

215.0680, 12.2060,
-56.0340

215.0680, 12.2060,
-56.0340

255.0000, -0.0000,
-0.0000

186.2960, 11.5640,
-55.4120

243.0880, 27.7900,
-30.0820

158.1820, 11.8850,
-55.7230

247.5900, 20.8650,
-20.2150

129.8570, 14.1780,
-58.7340

250.7820, 11.8770,
-11.5070

104.0400, 9.4090,
-54.9030

254.2020, 2.2470,
-2.1770

80.9930, -0.4040,
-47.7640

56.4510, -13.1970,
-41.6850

36.9810, -17.3250,

-32.9490

■ 24.0670, -11.2750,
-21.4430

■ 5.8700, -2.7500,
-5.2300

■ 215.0680, 12.2060,
-56.0340

■ 215.0680, 12.2060,
-56.0340

■ 209.2280, 14.2710,
-65.9290

■ 220.9080, 10.1410,
-46.1390

■ 203.3880, 16.3360,
-75.8240

■ 226.7480, 8.0760,
-36.2440

■ 197.9610, 18.6760,
-85.1960

■ 232.1750, 5.7360,
-26.8720

■ 192.1210, 20.7410,
-95.0910

■ 238.0150, 3.6710,
-16.9770

■ 190.4260, 21.2000,
-97.9040

■ 243.8550, 1.6060,
-7.0820

■ 249.6950, -0.4590,
2.8130

■ 250.8910, 1.9250,
3.6610

Harmonies

Analogous

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



220.0160, 62.6830, -40.2050



215.0680, 12.2060, -56.0340



195.1770, -68.8080, -63.5920

Triad

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



215.0680, 12.2060, -56.0340



178.1680, -151.7050, -53.5370



200.7390, 32.9130, 36.7930

Complementary

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



215.0680, 12.2060, -56.0340



138.9320, -12.2060, 56.0340

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.



212.1490, 20.0750, 38.1790



215.0680, 12.2060, -56.0340



196.0070, -90.1350, -23.9830

Square

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



215.0680, 12.2060, -56.0340



178.7550, -151.9800, -54.0600



224.3990, 4.0310, 20.5670



198.8570, 51.9910, 10.4150

Rectangle

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



215.0680, 12.2060, -56.0340



173.6250, -137.5350, -68.0550



224.3990, 4.0310, 20.5670



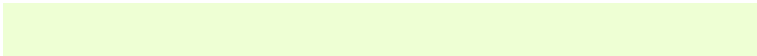
204.6490, 24.6590, 43.2110

Sweetspot

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



215.0680, 12.2060, -56.0340



245.0150, 3.6710, -16.9770



180.1560, 69.7820, 1.8620



121.7470, 1.7900, -10.4180



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



215.0680, 12.2060, -56.0340



214.0060, 14.7760, -69.5760



194.4370, -28.9180, -70.6620



122.0230, 1.1930, -5.1030



145.0290, 15.9690, -74.6790



46.8700, 5.2770, -24.0590

Inverse Universe

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



138.9320, -12.2060, 56.0340



119.9940, -14.7760, 69.5760



159.5630, 28.9180, 70.6620



114.9770, -1.1930, 5.1030



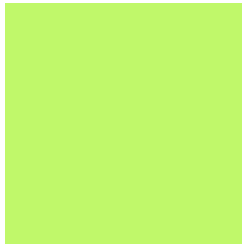
43.9710, -15.9690, 74.6790



14.1300, -5.2770, 24.0590

Previews

White Background



This preview shows how the YIQ color 215.0680, 12.2060, -56.0340 looks on a white background.

Color Contrast Check

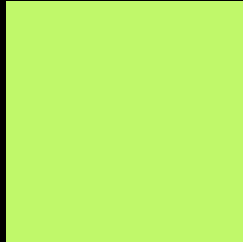
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 215.0680, 12.2060, -56.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

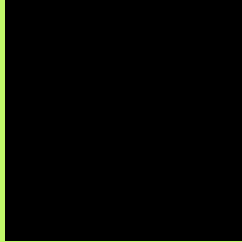
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

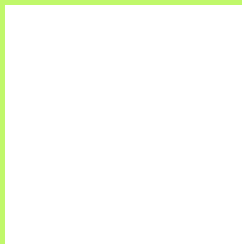
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.0680, 12.2060, -56.0340

Background



This preview shows how black text looks on a background with the YIQ color 215.0680, 12.2060, -56.0340.



This preview shows how white text looks on a background with the YIQ color 215.0680, 12.2060,

-56.0340.

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

215.0680, 12.2060, -56.0340

Protanopia

222.8830, 55.9880, -34.5080

Deuteranopia

229.7520, 29.7570, -5.1470



Tritanopia

228.4740, -18.8900, 0.9340

Trichromacy



Original Color

215.0680, 12.2060, -56.0340



Protanomaly

220.2290, 40.0340, -42.7340



Deuteranomaly

224.1510, 23.4790, -23.5370



Tritanomaly

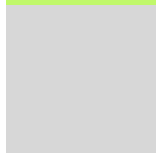
223.2740, -7.4240, -19.6480

Monochromacy



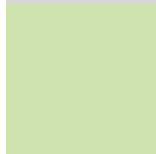
Original Color

215.0680, 12.2060, -56.0340



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

215.0920, 4.7720, -20.4120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.0680, 12.2060, -56.0340 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(192, 248, 106)` looks like.

```
.text, #text, p{  
    color:rgb(192, 248, 106)  
}
```

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(192, 248, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 248, 106) }
```

Border

The CSS property to change the border of an element to YIQ 215.0680, 12.2060, -56.0340 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(192, 248, 106) }
```


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

```
.border{ border-color:rgb(192, 248, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 248, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 248, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 248, 106);  
box-shadow:4px 4px 4px 4px rgb(192, 248,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 215.0680, 12.2060, -56.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 248, 106) }
```

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

```
.background{ background-color: rgb(192,  
248, 106) }
```

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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