

Converting Colors

YIQ(135.3700, 55.7010, 31.2930)

Have a look what the booklet for
YIQ(135.3700, 55.7010, 31.2930)
contains.

YIQ(135.3700, 55.7010, 31.2930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(135.3700, 55.7010,
31.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	D0647F
RGB	208, 100, 127
RGB Percent	82%, 39%, 50%
CMY	0.1840, 0.6080, 0.5018
CMYK	0.00, 0.52, 0.39, 0.18
HSL	345°, 54%, 60%
HSV	345°, 52%, 82%
XYZ	34.4190, 24.0593, 22.9259
YIQ	135.3700, 55.7010, 31.2930

Conversions

Conversions Part 2

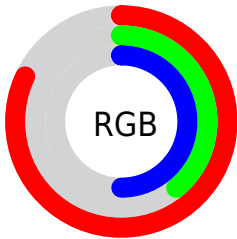
Format	Color
R_{YB}	208, 100, 127
Decimal	13657215
CIE _{Lab}	56.15, 45.41, 5.41
CIE _{LCh}	56, 45.730, 6.792
Yxy	24.0593, 0.4228, 0.2956
Android (android.graphics.Color)	4291847295 (0xFFD0647F)
YUV	135.3700, -4.1264, 63.6965
Hunter-Lab	49.0503, 39.4169, 6.6232

Details

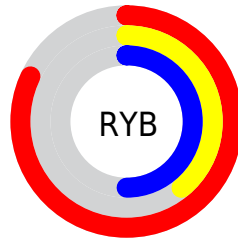
The YIQ color **135.3700, 55.7010, 31.2930** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **172.6300, -55.7010, -31.2930**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.1630, 51.8500, 29.4980**, and **81.3310, 51.4370, 31.4770** is the 20% darker color. If you saturate the color by 10%, you get **121.2190, 66.6120, 37.3000**, and if you desaturate by 10%, it is **149.5210, 44.7900, 25.2860**.

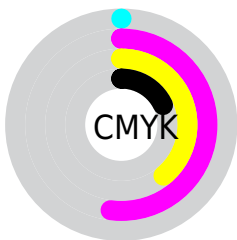
Distribution



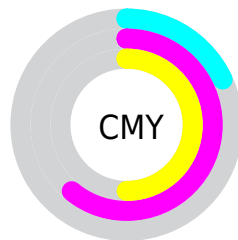
- Red (82%)
- Green (39%)
- Blue (50%)



- Red (82%)
- Yellow (39%)
- Blue (50%)



- Cyan (0%)
- Magenta (52%)
- Yellow (39%)
- Black (18%)





- Cyan (18%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.3700, 55.7010, 31.2930 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 135.3700, 55.7010, 31.2930 by changing the saturation by 10% instead.


 135.3700, 55.7010,
31.2930


 135.3700, 55.7010,
31.2930


255.0000, -0.0000,
-0.0000


 108.5870, 53.5920,
30.9680


 187.1630, 51.8500,
29.4980


 81.3310, 51.4370,
31.4770


 206.0900, 35.7580,
23.7740


 52.8410, 50.0610,
34.3890

 226.3050, 18.7950,
17.3150

 31.9820, 45.1100,
30.5020

 245.6080, 4.4000,
8.3680

 21.4010, 36.0800,
17.9360

 12.6720, 24.7110,
9.2150

 0.0000, 0.0000,

0.0000

■ 135.3700, 55.7010,
31.2930

■ 135.3700, 55.7010,
31.2930

■ 121.2190, 66.6120,
37.3000

■ 149.5210, 44.7900,
25.2860

■ 107.1820, 77.2020,
43.6180

■ 163.5580, 34.2000,
18.9680

■ 93.6180, 87.8380,
49.1020

■ 177.1220, 23.5640,
13.4840

■ 79.5810, 98.4280,
55.4200

■ 191.1590, 12.9740,
7.1660

■ 68.1200, 107.2760,
60.2680

■ 205.3100, 2.0630,
1.1590

■ 219.4610, -8.8480,
-4.8480

■ 233.4980,
-19.4380, -11.1660

■ 240.6050,
-27.0490, -10.8970

■ 240.9470,
-28.0120, -9.9640

Harmonies

Analogous

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



138.3690, 31.0790, 36.9910



135.3700, 55.7010, 31.2930



133.9510, 63.5900, 14.9660

Triad

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



135.3700, 55.7010, 31.2930



125.4470, 1.7940, -32.5260



109.8870, -106.8720, -12.5040

Complementary

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



135.3700, 55.7010, 31.2930



172.6300, -55.7010, -31.2930

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.



110.4450, -100.1760, -23.7280



135.3700, 55.7010, 31.2930



114.6060, -47.1260, -38.0220

Square

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



135.3700, 55.7010, 31.2930



129.7240, 34.9870, -22.8450



107.2870, -88.5280, -36.5920



127.7350, -58.6890, 11.8630

Rectangle

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



135.3700, 55.7010, 31.2930



133.0670, 59.7870, 1.2830



107.2870, -88.5280, -36.5920



110.8500, -105.4500, -16.2500

Sweetspot

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



135.3700, 55.7010, 31.2930



227.3990, 21.2260, 11.8020



135.9330, 12.4160, 50.3360



111.1590, 12.9740, 7.1660



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.



135.3700, 55.7010, 31.2930



148.8020, 81.3280, 45.9360



146.9670, 57.4930, 9.8210



97.6310, 5.5930, 3.2650



55.0200, 86.6460, 48.6780



13.3990, 21.2260, 11.8020

Inverse Universe

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



135.3700, 55.7010, 31.2930



148.8020, 81.3280, 45.9360



161.0330, -57.4930, -9.8210



97.6310, 5.5930, 3.2650



55.0200, 86.6460, 48.6780



13.3990, 21.2260, 11.8020

Previews

White Background



This preview shows how the YIQ color 135.3700, 55.7010, 31.2930 looks on a white background.

Color Contrast Check

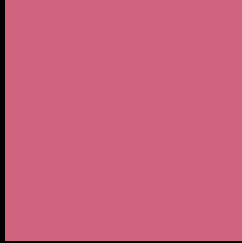
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3700, 55.7010, 31.2930 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 × Fail

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

YIQ 135.3700, 55.7010, 31.2930

Background



This preview shows how black text looks on a background with the YIQ color 135.3700, 55.7010, 31.2930.



This preview shows how white text looks on a background with the YIQ color 135.3700, 55.7010,

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

135.3700, 55.7010, 31.2930

Protanopia

135.4820, -4.1730, 4.0430

Deuteranopia

135.9650, 16.2760, 2.3880



Tritanopia

134.8940, 59.7370, 24.2250

Trichromacy



Original Color

135.3700, 55.7010, 31.2930

Protanomaly

135.7130, 17.4660, 13.8660

Deuteranomaly

135.7160, 30.5790, 13.0030

Tritanomaly

134.9910, 58.0860, 26.6140

Monochromacy



Original Color

135.3700, 55.7010, 31.2930

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.1000, 20.6300, 11.5900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.3700, 55.7010, 31.2930 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, 100, 127)` looks like.

```
.text, #text, p{  
    color:rgb(208, 100, 127)  
}
```

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, 100, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 100, 127) }
```

Border

The CSS property to change the border of an element to YIQ 135.3700, 55.7010, 31.2930 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, 100, 127) }
```


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

```
.border{ border-color:rgb(208, 100, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 100, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 100, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 100, 127);  
box-shadow:4px 4px 4px 4px rgb(208, 100,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 135.3700, 55.7010, 31.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 100, 127) }
```

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

```
.background{ background-color: rgb(208,  
100, 127) }
```

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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