

Converting Colors

YIQ(136.6390, 55.8410, 17.7370)

Have a look what the booklet for
YIQ(136.6390, 55.8410, 17.7370)
contains.

YIQ(136.6390, 55.8410, 17.7370)	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(136.6390, 55.8410,
17.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	C96E69
RGB	201, 110, 105
RGB Percent	79%, 43%, 41%
CMY	0.2116, 0.5688, 0.5880
CMYK	0.00, 0.45, 0.48, 0.21
HSL	3°, 47%, 60%
HSV	3°, 48%, 79%
XYZ	32.2266, 24.5898, 16.4279
YIQ	136.6390, 55.8410, 17.7370

Conversions

Conversions Part 2

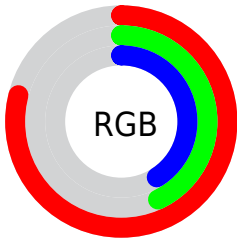
Format	Color
R_{YB}	201, 110, 105
Decimal	13201001
CIE Lab	56.67, 35.41, 18.83
CIE LCh	57, 40.101, 28.001
Yxy	24.5898, 0.4400, 0.3357
Android (android.graphics.Color)	4291391081 (0xFFC96E69)
YUV	136.6390, -15.5980, 56.4446
Hunter-Lab	49.5881, 29.2256, 15.0696

Details

The YIQ color **136.6390, 55.8410, 17.7370** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **169.3610, -55.8410, -17.7370**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7100, 57.0790, 17.3270**, and **84.5890, 50.1100, 16.9740** is the 20% darker color. If you saturate the color by 10%, you get **123.2060, 67.4860, 21.4540**, and if you desaturate by 10%, it is **150.0720, 44.1960, 14.0200**.

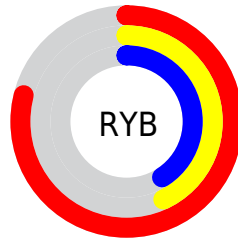
Distribution



Red (79%)

Green (43%)

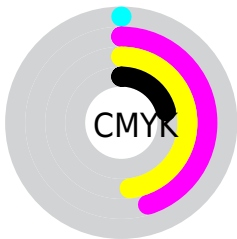
Blue (41%)



Red (79%)

Yellow (43%)

Blue (41%)

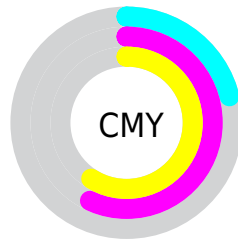


Cyan (0%)

Magenta (45%)

Yellow (48%)

Black (21%)



Cyan (21%)


Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.6390, 55.8410, 17.7370 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 136.6390, 55.8410, 17.7370 by changing the saturation by 10% instead.


 136.6390, 55.8410,
17.7370


 136.6390, 55.8410,
17.7370


255.0000, -0.0000,
-0.0000


 109.9700, 53.4110,
17.7230


 189.7100, 57.0790,
17.3270


 84.5890, 50.1100,
16.9740


 209.2240, 40.7120,
11.0800


 59.0340, 47.3590,
17.2710

 228.8520, 24.0240,
5.1440

 31.6580, 45.6620,
20.4940

 249.0670, 7.0610,
-1.3150

 18.2390, 36.3560,
12.9320

 10.5790, 20.5390,
7.7310

 0.0000, 0.0000,

0.0000

■ 136.6390, 55.8410,
17.7370

■ 136.6390, 55.8410,
17.7370

■ 123.2060, 67.4860,
21.4540

■ 150.0720, 44.1960,
14.0200

■ 109.7730, 79.1310,
25.1710

■ 163.5050, 32.5510,
10.3030

■ 96.3400, 90.7760,
28.8880

■ 176.9380, 20.9060,
6.5860

■ 82.9070, 102.4210,
32.6050

■ 190.3710, 9.2610,
2.8690

■ 69.4740, 114.0660,
36.3220

■ 203.9180, -2.7050,
-0.5370

■ 65.9690, 117.0460,
37.3820

■ 217.3510,
-14.3500, -4.2540

■ 231.3710,
-26.2700, -8.4940

■ 238.8540,
-32.1840, -11.4480

Harmonies

Analogous

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



138.2700, 44.2390, 29.7670



136.6390, 55.8410, 17.7370



135.4190, 52.8640, 0.0960

Triad

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



136.6390, 55.8410, 17.7370



123.4410, -24.4320, -30.8000



126.7790, -61.9890, 5.5870

Complementary

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



136.6390, 55.8410, 17.7370



169.3610, -55.8410, -17.7370

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.



109.5790, -103.2490, -17.5930



136.6390, 55.8410, 17.7370



105.4460, -84.7220, -39.4900

Square

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



136.6390, 55.8410, 17.7370



129.8120, 11.1920, -26.6320



108.9630, -96.0030, -27.7710



138.0730, -18.2980, 23.2540

Rectangle

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



136.6390, 55.8410, 17.7370



133.8920, 43.7420, -10.8020



108.9630, -96.0030, -27.7710



118.8470, -83.0320, -4.0240

Sweetspot

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



136.6390, 55.8410, 17.7370



230.9380, 20.9060, 6.5860



144.0780, 28.0050, 48.6530



113.1650, 12.8370, 4.1410



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.



136.6390, 55.8410, 17.7370



157.4640, 84.4950, 27.0790



164.8150, 42.6410, -7.3670



92.6910, 5.3640, 1.9080



53.4330, 94.9480, 30.3720



11.9380, 20.9060, 6.5860

Inverse Universe

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



169.3610, -55.8410, -17.7370



207.5360, -84.4950, -27.0790



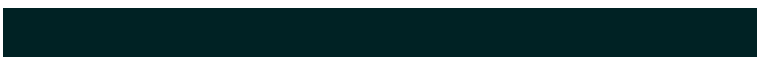
141.1850, -42.6410, 7.3670



96.3090, -5.3640, -1.9080



109.5670, -94.9480, -30.3720



24.0620, -20.9060, -6.5860

Previews

White Background



This preview shows how the YIQ color 136.6390, 55.8410, 17.7370 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 136.6390, 55.8410, 17.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

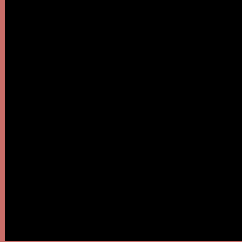
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.6390, 55.8410, 17.7370

Background



This preview shows how black text looks on a background with the YIQ color 136.6390, 55.8410, 17.7370.



This preview shows how white text looks on a background with the YIQ color 136.6390, 55.8410,

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

136.6390, 55.8410, 17.7370

Protanopia

135.9270, 10.2710, -4.4250

Deuteranopia

136.5500, 27.5100, -2.9700



Tritanopia

137.0180, 53.4560, 22.4160

Trichromacy



Original Color

136.6390, 55.8410, 17.7370

Protanomaly

136.4670, 26.5460, 3.4900

Deuteranomaly

136.4530, 38.3290, 4.7050

Tritanomaly

137.1490, 54.4650, 20.6490

Monochromacy



Original Color

136.6390, 55.8410, 17.7370

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.6390, 20.3100, 6.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6390, 55.8410, 17.7370 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, 110, 105)` looks like.

```
.text, #text, p{  
    color:rgb(201, 110, 105)  
}
```

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, 110, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 110, 105) }
```

Border

The CSS property to change the border of an element to YIQ 136.6390, 55.8410, 17.7370 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, 110, 105) }
```


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

```
.border{ border-color:rgb(201, 110, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 110, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 110, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 110, 105);  
box-shadow:4px 4px 4px 4px rgb(201, 110,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6390, 55.8410, 17.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 110, 105) }
```

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

```
.background{ background-color: rgb(201,  
110, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor