

Converting Colors

YIQ(133.4620, 69.6410, 20.9450)

Have a look what the booklet for
YIQ(133.4620, 69.6410, 20.9450)
contains.

YIQ(133.4620, 69.6410, 20.9450)	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(133.4620, 69.6410,
20.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	D5655C
RGB	213, 101, 92
RGB Percent	84%, 40%, 36%
CMY	0.1644, 0.6041, 0.6389
CMYK	0.00, 0.53, 0.57, 0.16
HSL	4°, 59%, 60%
HSV	4°, 57%, 84%
XYZ	34.0439, 24.2283, 13.0240
YIQ	133.4620, 69.6410, 20.9450

Conversions

Conversions Part 2

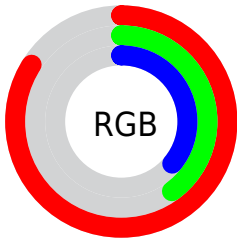
Format	Color
R_{YB}	213, 102, 92
Decimal	13985116
CIE _{Lab}	56.32, 43.38, 26.14
CIE _{LCh}	56, 50.650, 31.070
Yxy	24.2283, 0.4775, 0.3398
Android (android.graphics.Color)	4292175196 (0xFFD5655C)
YUV	133.4620, -20.4408, 69.7548
Hunter-Lab	49.2222, 37.3183, 18.7677

Details

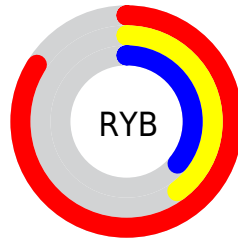
The YIQ color **133.4620, 69.6410, 20.9450** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **171.5380, -69.6410, -20.9450**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.4180, 63.7730, 17.1570**, and **79.7540, 62.9470, 21.1150** is the 20% darker color. If you saturate the color by 10%, you get **119.3280, 81.8820, 24.8740**, and if you desaturate by 10%, it is **147.5960, 57.4000, 17.0160**.

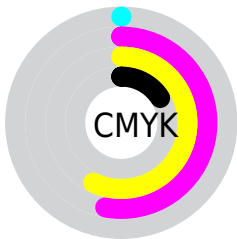
Distribution



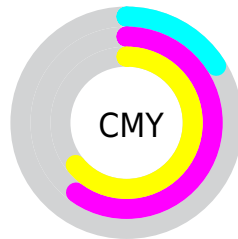
- Red (84%)
- Green (40%)
- Blue (36%)



- Red (84%)
- Yellow (40%)
- Blue (36%)



- Cyan (0%)
- Magenta (53%)
- Yellow (57%)
- Black (16%)





- Cyan (16%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.4620, 69.6410, 20.9450 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 133.4620, 69.6410, 20.9450 by changing the saturation by 10% instead.


 133.4620, 69.6410,
20.9450


 133.4620, 69.6410,
20.9450


255.0000, -0.0000,
-0.0000


 106.4940, 66.6150,
20.7190


 183.4180, 63.7730,
17.1570


 79.7540, 62.9470,
21.1150


 202.3450, 47.6810,
11.4330

 51.6660, 60.3790,
23.6030


 221.8590, 31.3140,
5.1860

 28.7040, 57.2160,
20.3520

 242.0740, 14.3510,
-1.2730

 20.0330, 39.9320,
14.2040

254.7720, 0.6420,
-0.6220

 12.3730, 24.1150,
9.0030

 0.0000, 0.0000,

0.0000

■ 133.4620, 69.6410,
20.9450

■ 133.4620, 69.6410,
20.9450

■ 119.3280, 81.8820,
24.8740

■ 147.5960, 57.4000,
17.0160

■ 105.0800, 94.4440,
28.4920

■ 161.2570, 45.1130,
13.9210

■ 91.5330, 106.4100,
31.8980

■ 175.3910, 32.8720,
9.9920

■ 77.3990, 118.6510,
35.8270

■ 189.5250, 20.6310,
6.0630

■ 73.0790, 122.5480,
36.7880

■ 203.7730, 8.0690,
2.4450

■ 217.3200, -3.8970,
-0.9610

■ 231.4540,
-16.1380, -4.8900

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



135.1410, 58.0840, 37.6680



133.4620, 69.6410, 20.9450



132.5850, 63.9600, -2.7600

Triad

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



133.4620, 69.6410, 20.9450



114.7220, -41.7610, -41.6410



116.8820, -90.1400, 3.6520

Complementary

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



133.4620, 69.6410, 20.9450



171.5380, -69.6410, -20.9450

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.



112.2180, -109.3020, -12.5180



133.4620, 69.6410, 20.9450



106.9620, -86.2350, -39.6030

Square

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



133.4620, 69.6410, 20.9450



125.7590, 9.5430, -35.2970



111.9780, -100.3590, -25.9190



137.5170, -19.3080, 30.5480

Rectangle

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



133.4620, 69.6410, 20.9450



130.8680, 52.3170, -17.5310



111.9780, -100.3590, -25.9190



109.8360, -110.8620, -6.2700

Sweetspot

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



133.4620, 69.6410, 20.9450



226.6180, 24.8030, 7.5470



141.0610, 35.8430, 60.7950



110.9480, 14.9460, 4.4660



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.



133.4620, 69.6410, 20.9450



140.7710, 99.8080, 30.4000



168.6820, 53.1410, -10.4350



99.8760, 6.2810, 1.8090



58.7600, 98.3410, 29.4530



14.6180, 24.8030, 7.5470

Inverse Universe

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



171.5380, -69.6410, -20.9450



195.6420, -99.5330, -29.8770



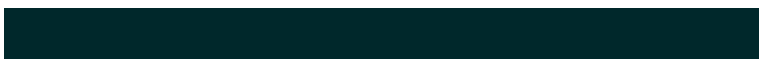
136.9050, -53.4160, 9.9120



103.1240, -6.2810, -1.8090



112.2400, -98.3410, -29.4530



28.3820, -24.8030, -7.5470

Previews

White Background



This preview shows how the YIQ color 133.4620, 69.6410, 20.9450 looks on a white background.

Color Contrast Check

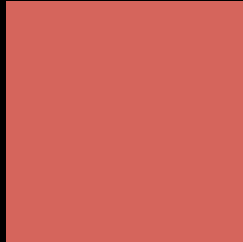
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4620, 69.6410, 20.9450 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 133.4620, 69.6410, 20.9450

Background



This preview shows how black text looks on a background with the YIQ color 133.4620, 69.6410, 20.9450.



This preview shows how white text looks on a background with the YIQ color 133.4620, 69.6410,

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

133.4620, 69.6410, 20.9450

Protanopia

134.4990, 14.3520, -6.8000

Deuteranopia

134.9650, 33.4710, -6.3770



Tritanopia

134.1830, 66.2930, 26.5570

Trichromacy



Original Color

133.4620, 69.6410, 20.9450

Protanomaly

134.3600, 34.1570, 3.2210

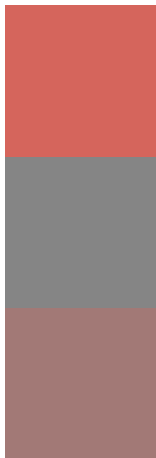
Deuteranomaly

134.1180, 46.5820, 3.8140

Tritanomaly

134.2000, 67.6230, 24.4790

Monochromacy



Original Color

133.4620, 69.6410, 20.9450

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9170, 25.3990, 7.7590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.4620, 69.6410, 20.9450 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(213, 101, 92)` looks like.

```
.text, #text, p{  
    color:rgb(213, 101, 92)  
}
```

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(213, 101, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 101, 92) }
```

Border

The CSS property to change the border of an element to YIQ 133.4620, 69.6410, 20.9450 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(213, 101, 92) }
```


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

```
.border{ border-color:rgb(213, 101, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 101, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 101, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 101, 92);  
box-shadow:4px 4px 4px 4px rgb(213, 101,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 133.4620, 69.6410, 20.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 101, 92) }
```

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

```
.background{ background-color: rgb(213,  
101, 92) }
```

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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