

Converting Colors

YIQ(125.3300, 69.2320, 0.8160)

Have a look what the booklet for
YIQ(125.3300, 69.2320, 0.8160)
contains.

YIQ(125.3300, 69.2320, 0.8160)	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(125.3300, 69.2320,
0.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	C06A32
RGB	192, 106, 50
RGB Percent	75%, 42%, 20%
CMY	0.2469, 0.5844, 0.8036
CMYK	0.00, 0.45, 0.74, 0.25
HSL	24°, 59%, 47%
HSV	24°, 74%, 75%
XYZ	27.4770, 21.7437, 5.7756
YIQ	125.3300, 69.2320, 0.8160

Conversions

Conversions Part 2

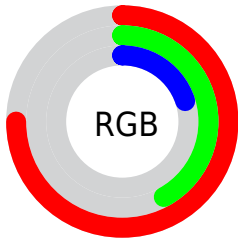
Format	Color
RYB	192, 142, 50
Decimal	12610098
CIELab	53.75, 29.94, 45.12
CIElCh	54, 54.152, 56.429
Yxy	21.7437, 0.4996, 0.3954
Android (android.graphics.Color)	4290800178 (0xFFC06A32)
YUV	125.3300, -37.1377, 58.4696
Hunter-Lab	46.6301, 23.5790, 25.2975

Details

The YIQ color **125.3300, 69.2320, 0.8160** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **116.6700, -69.2320, -0.8160**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6790, 75.5590, 1.7910**, and **73.2260, 63.5930, -1.6150** is the 20% darker color. If you saturate the color by 10%, you get **116.1200, 78.6310, 1.1830**, and if you desaturate by 10%, it is **134.5400, 59.8330, 0.4490**.

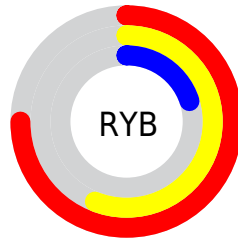
Distribution



Red (75%)

Green (42%)

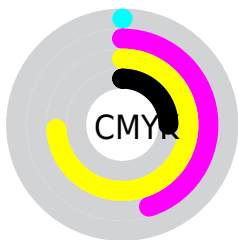
Blue (20%)



Red (75%)

Yellow (56%)

Blue (20%)

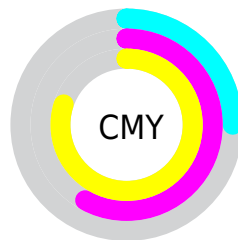


Cyan (0%)

Magenta (45%)

Yellow (74%)

Black (25%)



Cyan (25%)


Magenta (58%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.3300, 69.2320, 0.8160 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 125.3300, 69.2320, 0.8160 by changing the saturation by 10% instead.


 125.3300, 69.2320,
0.8160


 125.3300, 69.2320,
0.8160


255.0000, -0.0000,
-0.0000


 98.9490, 65.9310,
0.0670


 179.6790, 75.5590,
1.7910

 73.2260, 63.5930,
-1.6150


 199.0900, 60.9800,
-3.8200


 50.4670, 52.9090,
4.7890


 218.4900, 44.9340,
-10.3780

 27.4200, 43.0960,
11.9280

 238.7050, 27.9710,
-16.8370

 14.6510, 29.2040,
10.3880

 249.5280, 15.4080,
-14.9280

 2.3920, 4.7680,
1.6960

 252.7200, 6.4200,

 0.0000, 0.0000,

-6.2200

0.0000

■ 125.3300, 69.2320,
0.8160

■ 125.3300, 69.2320,
0.8160

■ 116.1200, 78.6310,
1.1830

■ 134.5400, 59.8330,
0.4490

■ 107.4970, 87.7550,
1.0270

■ 143.1630, 50.7090,
0.6050

■ 102.0200, 93.5320,
0.9560

■ 152.4870, 40.9890,
0.5490

■ 161.6970, 31.5900,
0.1820

■ 170.3200, 22.4660,
0.3380

■ 179.5300, 13.0670,
-0.0290

■ 188.2670, 3.6220,
0.4380

■ 197.4770, -5.7770,
0.0710

■ 206.6870,
-15.1760, -0.2960

Harmonies

Analogous

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



125.5920, 72.3910, 26.1750



125.3300, 69.2320, 0.8160



122.4670, 51.7680, -24.1040

Triad

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



125.3300, 69.2320, 0.8160



101.8440, -80.0910, -40.8190



129.0150, -29.5780, 29.4460

Complementary

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



125.3300, 69.2320, 0.8160



116.6700, -69.2320, -0.8160

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.



104.5530, -108.3870, -1.5630



125.3300, 69.2320, 0.8160



107.3160, -95.4990, -25.8910

Square

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



125.3300, 69.2320, 0.8160



107.8920, -36.4880, -43.5920



109.1860, -106.2760, -12.2920



131.9800, 22.2290, 43.1970

Rectangle

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



125.3300, 69.2320, 0.8160



120.1220, 30.4500, -34.2380



109.1860, -106.2760, -12.2920



124.5390, -51.9050, 21.0790

Sweetspot

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



125.3300, 69.2320, 0.8160



224.3590, 26.7300, 0.1540



102.4900, 56.3840, 57.4720



109.4980, 16.0930, 0.1970



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



125.3300, 69.2320, 0.8160



145.3330, 108.7080, 1.2520



165.8330, 50.2570, -35.2710



92.3380, 4.8600, 0.0280



85.1200, 78.6310, 1.1830



17.4980, 16.0930, 0.1970

Inverse Universe

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



116.6700, -69.2320, -0.8160



131.6670, -108.7080, -1.2520



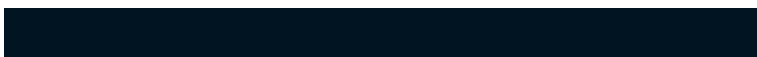
76.1670, -50.2570, 35.2710



91.6620, -4.8600, -0.0280



75.2930, -78.3560, -0.6600



15.5020, -16.0930, -0.1970

Previews

White Background



This preview shows how the YIQ color 125.3300, 69.2320, 0.8160 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 125.3300, 69.2320, 0.8160 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 125.3300, 69.2320, 0.8160

Background



This preview shows how black text looks on a background with the YIQ color 125.3300, 69.2320, 0.8160.



This preview shows how white text looks on a background with the YIQ color 125.3300, 69.2320,

0.8160.

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

125.3300, 69.2320, 0.8160

Protanopia

124.9780, 31.4560, -19.4240

Deuteranopia

125.4700, 47.6860, -16.2020



Tritanopia

129.2030, 54.3730, 22.3170

Trichromacy



Original Color

125.3300, 69.2320, 0.8160

Protanomaly

125.3220, 45.3470, -12.3570

Deuteranomaly

125.4650, 55.2500, -10.1100

Tritanomaly

127.6840, 59.9680, 14.5280

Monochromacy



Original Color

125.3300, 69.2320, 0.8160

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9890, 24.8960, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.3300, 69.2320, 0.8160 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, 106, 50)` looks like.

```
.text, #text, p{  
    color:rgb(192, 106, 50)  
}
```

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, 106, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 106, 50) }
```

Border

The CSS property to change the border of an element to YIQ 125.3300, 69.2320, 0.8160 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, 106, 50) }
```


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

```
.border{ border-color:rgb(192, 106, 50) }
```

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

Here you see how a box with a 4 pixel rgb(192, 106, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 106, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 106, 50);  
box-shadow:4px 4px 4px 4px rgb(192, 106,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 125.3300, 69.2320, 0.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 106, 50) }
```

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

```
.background{ background-color: rgb(192,  
106, 50) }
```

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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