

Converting Colors

YIQ(142.8300, 64.6480, -4.2160)

Have a look what the booklet for
YIQ(142.8300, 64.6480, -4.2160)
contains.

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Color

**YIQ(142.8300, 64.6480,
-4.2160)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8040
RGB	202, 128, 64
RGB Percent	79%, 50%, 25%
CMY	0.2077, 0.4981, 0.7487
CMYK	0.00, 0.37, 0.68, 0.21
HSL	28°, 57%, 52%
HSV	28°, 68%, 79%
XYZ	33.0093, 28.3626, 8.5969
YIQ	142.8300, 64.6480, -4.2160

Conversions

Conversions Part 2

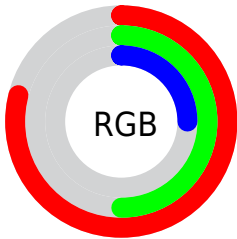
Format	Color
R_{YB}	202, 183, 64
Decimal	13271104
CIE _{Lab}	60.21, 22.94, 45.60
CIE _{LCh}	60, 51.050, 63.295
Yxy	28.3626, 0.4718, 0.4054
Android (android.graphics.Color)	4291461184 (0xFFCA8040)
YUV	142.8300, -38.8632, 51.8921
Hunter-Lab	53.2566, 17.4380, 27.7088

Details

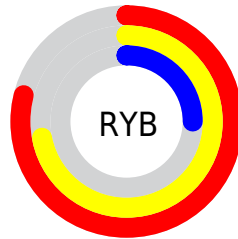
The YIQ color **142.8300, 64.6480, -4.2160** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **123.1700, -64.6480, 4.2160**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.4880, 65.6110, -5.1490**, and **90.0250, 59.6050, -6.4350** is the 20% darker color. If you saturate the color by 10%, you get **134.0930, 74.0930, -4.6830**, and if you desaturate by 10%, it is **151.5670, 55.2030, -3.7490**.

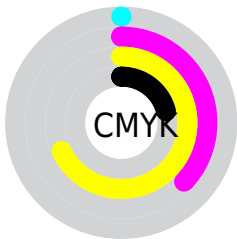
Distribution



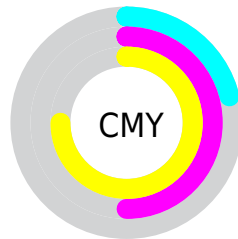
- Red (79%)
- Green (50%)
- Blue (25%)



- Red (79%)
- Yellow (72%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (68%)
- Black (21%)



- Cyan (21%)
- Magenta (50%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.8300, 64.6480, -4.2160 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 142.8300, 64.6480, -4.2160 by changing the saturation by 10% instead.


 142.8300, 64.6480,
-4.2160


 142.8300, 64.6480,
-4.2160


255.0000, -0.0000,
-0.0000


 116.4490, 61.3470,
-4.9650


 195.4880, 65.6110,
-5.1490


 90.0250, 59.6050,
-6.4350


 215.0020, 49.2440,
-11.3960


 66.6700, 53.4150,
-4.3850


 234.5160, 32.8770,
-17.6430

 44.7970, 43.0520,
1.7080

 248.1600, 19.2600,
-18.6600

 23.5110, 32.4140,
7.2780

 251.3520, 10.2720,
-9.9520

 11.1770, 21.7310,
8.1550

254.6580, 0.9630,

 0.0000, 0.0000,

-0.9330

0.0000

■ 142.8300, 64.6480,
-4.2160

■ 142.8300, 64.6480,
-4.2160

■ 134.0930, 74.0930,
-4.6830

■ 151.5670, 55.2030,
-3.7490

■ 125.3560, 83.5380,
-5.1500

■ 160.3040, 45.7580,
-3.2820

■ 116.5050, 93.3040,
-5.9280

■ 169.1550, 35.9920,
-2.5040

■ 115.5760, 94.5420,
-6.3380

■ 177.3050, 26.8220,
-1.5140

■ 186.0420, 17.3770,
-1.0470

■ 194.7790, 7.9320,
-0.5800

■ 203.6300, -1.8340,
0.1980

■ 212.3670,
-11.2790, 0.6650

■ 221.1040,
-20.7240, 1.1320

Harmonies

Analogous

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



144.1910, 71.8420, 19.6020



142.8300, 64.6480, -4.2160



139.8620, 43.2860, -24.5700

Triad

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



142.8300, 64.6480, -4.2160



115.0150, -93.7540, -41.0020



148.1370, -15.1820, 32.8660

Complementary

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



142.8300, 64.6480, -4.2160



123.1700, -64.6480, 4.2160

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.



132.5030, -78.5870, 9.0370



142.8300, 64.6480, -4.2160



119.4440, -107.6030, -26.7950

Square

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



142.8300, 64.6480, -4.2160



123.8570, -46.5750, -42.5030



119.5700, -116.2250, -13.7050



149.1180, 30.5280, 41.4720

Rectangle

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



142.8300, 64.6480, -4.2160



136.9730, 20.6840, -33.4600



119.5700, -116.2250, -13.7050



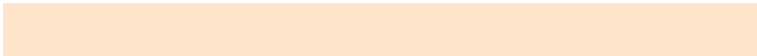
145.2810, -33.3830, 26.8170

Sweetspot

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



142.8300, 64.6480, -4.2160



233.3370, 23.7960, -1.7400



113.9260, 57.8520, 52.8920



114.4870, 14.6260, -0.7500



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.



142.8300, 64.6480, -4.2160



165.4300, 97.8890, -6.4230



182.1590, 46.2230, -39.2570



97.9250, 4.5850, -0.4950



94.8330, 77.7610, -5.0790



21.9280, 17.6980, -1.3580

Inverse Universe

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



123.1700, -64.6480, 4.2160



135.5700, -97.8890, 6.4230



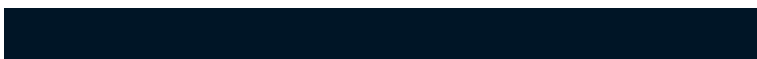
83.8410, -46.2230, 39.2570



96.0750, -4.5850, 0.4950



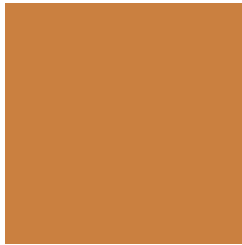
71.1670, -77.7610, 5.0790



16.6590, -17.9730, 0.8350

Previews

White Background



This preview shows how the YIQ color 142.8300, 64.6480, -4.2160 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 142.8300, 64.6480, -4.2160 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 142.8300, 64.6480, -4.2160

Background



This preview shows how black text looks on a background with the YIQ color 142.8300, 64.6480, -4.2160.



This preview shows how white text looks on a background with the YIQ color 142.8300, 64.6480,

-4.2160.

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

142.8300, 64.6480, -4.2160

Protanopia

141.8210, 33.3360, -20.4560

Deuteranopia

142.0790, 50.3450, -14.8310



Tritanopia

147.4410, 47.7710, 20.8190

Trichromacy



Original Color

142.8300, 64.6480, -4.2160

Protanomaly

141.9690, 44.8430, -14.2370

Deuteranomaly

142.2370, 55.8920, -10.7320

Tritanomaly

146.1670, 54.0540, 11.5740

Monochromacy



Original Color

142.8300, 64.6480, -4.2160

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.0380, 23.2000, -1.9520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.8300, 64.6480, -4.2160 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(202, 128, 64)` looks like.

```
.text, #text, p{  
    color:rgb(202, 128, 64)  
}
```

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(202, 128, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 128, 64) }
```

Border

The CSS property to change the border of an element to YIQ 142.8300, 64.6480, -4.2160 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(202, 128, 64) }
```


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

```
.border{ border-color:rgb(202, 128, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 128, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 128, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 128, 64);  
box-shadow:4px 4px 4px 4px rgb(202, 128,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 142.8300, 64.6480, -4.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 128, 64) }
```

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

```
.background{ background-color: rgb(202,  
128, 64) }
```

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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