

Converting Colors

YIQ(124.8410, 84.4510, 16.8590)

Have a look what the booklet for
YIQ(124.8410, 84.4510, 16.8590)
contains.

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Color

**YIQ(124.8410, 84.4510,
16.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	D85B3C
RGB	216, 91, 60
RGB Percent	85%, 36%, 24%
CMY	0.1527, 0.6433, 0.7643
CMYK	0.00, 0.58, 0.72, 0.15
HSL	12°, 67%, 54%
HSV	12°, 72%, 85%
XYZ	32.8945, 22.4101, 6.8795
YIQ	124.8410, 84.4510, 16.8590

Conversions

Conversions Part 2

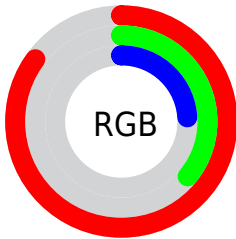
Format	Color
R _Y B	216, 99, 60
Decimal	14179132
CIE Lab	54.46, 47.34, 41.82
CIE LCh	54, 63.170, 41.459
Yxy	22.4101, 0.5290, 0.3604
Android (android.graphics.Color)	4292369212 (0xFFD85B3C)
YUV	124.8410, -31.9666, 79.9464
Hunter-Lab	47.3393, 41.1897, 24.5213

Details

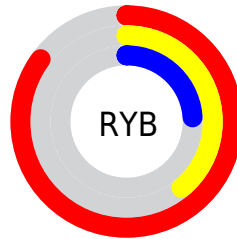
The YIQ color **124.8410, 84.4510, 16.8590** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **151.1590, -84.4510, -16.8590**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7860, 77.1160, 12.1240**, and **69.3610, 77.1150, 17.6510** is the 20% darker color. If you saturate the color by 10%, you get **112.3540, 96.1880, 18.9080**, and if you desaturate by 10%, it is **137.3280, 72.7140, 14.8100**.

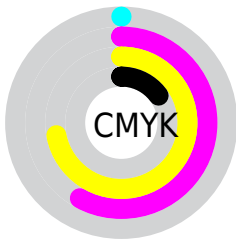
Distribution



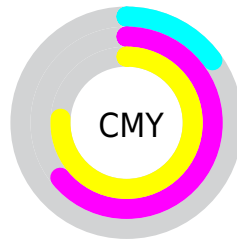
- Red (85%)
- Green (36%)
- Blue (24%)



- Red (85%)
- Yellow (39%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (72%)
- Black (15%)





- Cyan (15%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 124.8410, 84.4510, 16.8590 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 124.8410, 84.4510, 16.8590 by changing the saturation by 10% instead.


 124.8410, 84.4510,
16.8590


 124.8410, 84.4510,
16.8590


255.0000, -0.0000,
-0.0000


 97.1010, 80.7830,
17.2550


 173.7860, 77.1160,
12.1240


 68.7740, 77.3900,
18.1740


 192.5990, 61.3450,
6.0890


 37.0760, 73.9040,
26.2880


 212.5860, 45.0240,
-0.9920

 28.1060, 56.0240,
19.9280

 232.1000, 28.6570,
-7.2390

 19.7340, 39.3360,
13.9920

 250.5540, 12.5190,
-12.1290

 11.1770, 21.7310,
8.1550

 253.8600, 3.2100,

 0.0000, 0.0000,

-3.1100

0.0000

■ 124.8410, 84.4510,
16.8590

■ 124.8410, 84.4510,
16.8590

■ 112.3540, 96.1880,
18.9080

■ 137.3280, 72.7140,
14.8100

■ 99.3940, 107.8790,
21.7910

■ 150.2880, 61.0230,
11.9270

■ 89.8250, 116.9110,
23.3030

■ 162.7750, 49.2860,
9.8780

■ 175.2620, 37.5490,
7.8290

■ 188.2220, 25.8580,
4.9460

■ 200.7090, 14.1210,
2.8970

■ 213.0820, 2.7050,
0.5370

■ 226.1560, -9.3070,
-2.0350

■ 238.6430,
-21.0440, -4.0840

Harmonies

Analogous

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



124.3780, 79.5860, 44.4660



124.8410, 84.4510, 16.8590



123.0200, 75.1960, -19.1720

Triad

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



124.8410, 84.4510, 16.8590



100.4130, -71.9280, -51.0960



113.6080, -91.8840, 13.2360

Complementary

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



124.8410, 84.4510, 16.8590



151.1590, -84.4510, -16.8590

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.



112.3780, -115.2640, -3.5840



124.8410, 84.4510, 16.8590



108.0850, -90.7750, -34.4150

Square

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



124.8410, 84.4510, 16.8590



113.1600, -8.2440, -48.8520



112.8390, -106.9170, -17.1970



134.0450, -2.7590, 44.5130

Rectangle

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



124.8410, 84.4510, 16.8590



121.7690, 56.3090, -34.8190



112.8390, -106.9170, -17.1970



107.1920, -114.4400, 3.5120

Sweetspot

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



124.8410, 84.4510, 16.8590



222.2010, 30.3510, 6.1190



121.1220, 52.2090, 72.5690



108.2750, 18.3390, 3.5470



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.



124.8410, 84.4510, 16.8590



125.2060, 120.2120, 24.0520



169.4530, 63.5510, -22.8890



101.0500, 5.7310, 0.7630



71.0870, 92.5660, 18.4700



18.1400, 23.1530, 4.4090

Inverse Universe

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



151.1590, -84.4510, -16.8590



162.7940, -120.2120, -24.0520



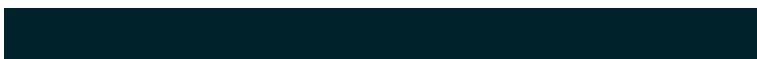
106.5470, -63.5510, 22.8890



102.5370, -6.0060, -1.2860



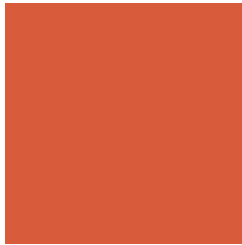
99.9130, -92.5660, -18.4700



25.4470, -23.4280, -4.9320

Previews

White Background



This preview shows how the YIQ color 124.8410, 84.4510, 16.8590 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 124.8410, 84.4510, 16.8590 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 124.8410, 84.4510, 16.8590

Background



This preview shows how black text looks on a background with the YIQ color 124.8410, 84.4510, 16.8590.



This preview shows how white text looks on a background with the YIQ color 124.8410, 84.4510,

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

124.8410, 84.4510, 16.8590

Protanopia

128.2750, 26.3660, -15.2820

Deuteranopia

127.5670, 46.0350, -13.8130



Tritanopia

126.7390, 76.4710, 29.3270

Trichromacy



Original Color

124.8410, 84.4510, 16.8590

Protanomaly

126.6740, 47.5920, -3.4800

Deuteranomaly

126.5460, 59.6960, -2.5760

Tritanomaly

125.6590, 79.4520, 24.8600

Monochromacy



Original Color

124.8410, 84.4510, 16.8590

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0870, 30.6720, 5.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.8410, 84.4510, 16.8590 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(216, 91, 60)` looks like.

```
.text, #text, p{  
    color:rgb(216, 91, 60)  
}
```

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(216, 91, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 91, 60) }
```

Border

The CSS property to change the border of an element to YIQ 124.8410, 84.4510, 16.8590 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(216, 91, 60) }
```


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

```
.border{ border-color:rgb(216, 91, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 91, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 91, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 91, 60);  
box-shadow:4px 4px 4px 4px rgb(216, 91,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 124.8410, 84.4510, 16.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 91, 60) }
```

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

```
.background{ background-color: rgb(216, 91,  
60) }
```

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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