

Converting Colors

YIQ(124.1530, 65.8370, 12.7890)

Have a look what the booklet for
YIQ(124.1530, 65.8370, 12.7890)
contains.

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Color

**YIQ(124.1530, 65.8370,
12.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	C36249
RGB	195, 98, 73
RGB Percent	76%, 38%, 29%
CMY	0.2351, 0.6158, 0.7134
CMYK	0.00, 0.50, 0.63, 0.24
HSL	12°, 50%, 53%
HSV	12°, 63%, 76%
XYZ	28.0887, 20.8191, 8.8538
YIQ	124.1530, 65.8370, 12.7890

Conversions

Conversions Part 2

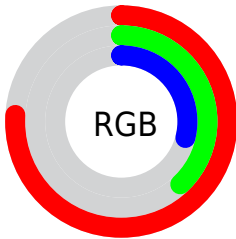
Format	Color
R_{YB}	195, 104, 73
Decimal	12804681
CIE Lab	52.75, 36.70, 31.89
CIE LCh	53, 48.621, 40.985
Yxy	20.8191, 0.4863, 0.3604
Android (android.graphics.Color)	4290994761 (0xFFC36249)
YUV	124.1530, -25.2184, 62.1328
Hunter-Lab	45.6280, 30.0361, 20.4347

Details

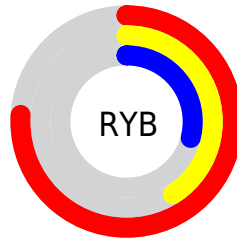
The YIQ color **124.1530, 65.8370, 12.7890** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **143.8470, -65.8370, -12.7890**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.7900, 71.2930, 13.0290**, and **72.0320, 58.8680, 12.4360** is the 20% darker color. If you saturate the color by 10%, you get **112.5950, 76.3360, 15.2480**, and if you desaturate by 10%, it is **135.2380, 55.2920, 11.1640**.

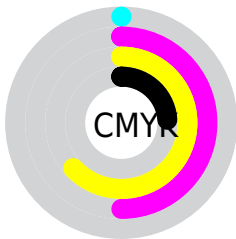
Distribution



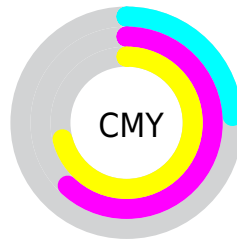
- Red (76%)
- Green (38%)
- Blue (29%)



- Red (76%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (63%)
- Black (24%)





- Cyan (24%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 124.1530, 65.8370, 12.7890 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 124.1530, 65.8370, 12.7890 by changing the saturation by 10% instead.


 124.1530, 65.8370,
12.7890


 124.1530, 65.8370,
12.7890


255.0000, -0.0000,
-0.0000


 97.8860, 62.2150,
12.3510


 178.7900, 71.2930,
13.0290

 72.0320, 58.8680,
12.4360


 197.6030, 55.5220,
6.9940

 45.7760, 56.7130,
12.9450


 217.1170, 39.1550,
0.7470

 23.6210, 47.0840,
16.7480

 236.7450, 22.4670,
-5.1890

 15.8470, 31.5880,
11.2360

 252.2640, 7.7040,
-7.4640

 4.1860, 8.3440,
2.9680

 0.0000, 0.0000,

0.0000

■ 124.1530, 65.8370,
12.7890

■ 124.1530, 65.8370,
12.7890

■ 112.5950, 76.3360,
15.2480

■ 135.2380, 55.2920,
11.1640

■ 101.5100, 86.8810,
16.8730

■ 146.7960, 44.7930,
8.7050

■ 89.9520, 97.3800,
19.3320

■ 158.4680, 33.9730,
6.5570

■ 81.7850, 105.2200,
20.4200

■ 169.4390, 23.7490,
4.6210

■ 181.1110, 12.9290,
2.4730

■ 192.0820, 2.7050,
0.5370

■ 203.7540, -8.1150,
-1.6110

■ 214.7250,
-18.3390, -3.5470

■ 226.3970,
-29.1590, -5.6950

Harmonies

Analogous

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



125.1210, 60.8360, 31.8440



124.1530, 65.8370, 12.7890



122.7640, 55.8460, -9.8980

Triad

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



124.1530, 65.8370, 12.7890



95.5860, -70.7370, -45.1450



119.8110, -55.8470, 15.4250

Complementary

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



124.1530, 65.8370, 12.7890



143.8470, -65.8370, -12.7890

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.



104.3760, -103.7550, -8.4190



124.1530, 65.8370, 12.7890



101.7760, -85.4110, -32.5070

Square

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



124.1530, 65.8370, 12.7890



114.6310, -4.7160, -35.6920



105.0480, -97.3800, -19.3320



129.1940, -2.1610, 33.6710

Rectangle

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



124.1530, 65.8370, 12.7890



120.8450, 41.9560, -22.4920



105.0480, -97.3800, -19.3320



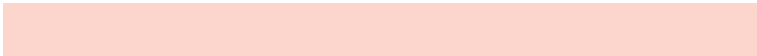
107.6110, -87.9390, 2.3090

Sweetspot

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



124.1530, 65.8370, 12.7890



224.2220, 25.8580, 4.9460



120.6500, 41.2540, 56.3420



110.4920, 16.2300, 3.2220



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.



124.1530, 65.8370, 12.7890



142.4040, 101.9190, 19.6710



159.3730, 49.3370, -18.5910



91.1640, 5.4100, 1.0740



67.5100, 86.8810, 16.8730



13.9760, 17.7430, 3.3350

Inverse Universe

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



143.8470, -65.8370, -12.7890



173.1830, -102.1940, -20.1940



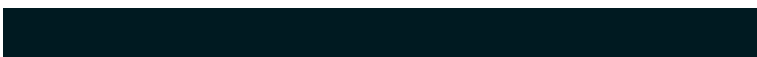
108.6270, -49.3370, 18.5910



92.8360, -5.4100, -1.0740



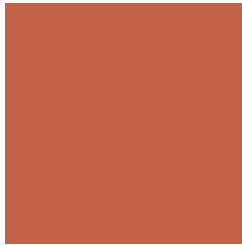
93.4900, -86.8810, -16.8730



19.0240, -17.7430, -3.3350

Previews

White Background



This preview shows how the YIQ color 124.1530, 65.8370, 12.7890 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 124.1530, 65.8370, 12.7890 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 124.1530, 65.8370, 12.7890

Background



This preview shows how black text looks on a background with the YIQ color 124.1530, 65.8370, 12.7890.



This preview shows how white text looks on a background with the YIQ color 124.1530, 65.8370,

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

124.1530, 65.8370, 12.7890

Protanopia

124.5010, 20.0380, -10.7300

Deuteranopia

125.2380, 36.9560, -8.9640



Tritanopia

125.5950, 59.1410, 24.0130

Trichromacy



Original Color

124.1530, 65.8370, 12.7890

Protanomaly

124.4540, 36.5880, -2.2920

Deuteranomaly

125.1410, 47.7750, -1.2890

Tritanomaly

124.7430, 61.4800, 20.1680

Monochromacy



Original Color

124.1530, 65.8370, 12.7890

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.3250, 24.0700, 4.3100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.1530, 65.8370, 12.7890 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(195, 98, 73)` looks like.

```
.text, #text, p{  
    color:rgb(195, 98, 73)  
}
```

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(195, 98, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 98, 73) }
```

Border

The CSS property to change the border of an element to YIQ 124.1530, 65.8370, 12.7890 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(195, 98, 73) }
```


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

```
.border{ border-color:rgb(195, 98, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 98, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 98, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 98, 73);  
box-shadow:4px 4px 4px 4px rgb(195, 98,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 124.1530, 65.8370, 12.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 98, 73) }
```

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

```
.background{ background-color: rgb(195, 98,  
73) }
```

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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