

Converting Colors

YIQ(152.3130, 50.7070, 11.6590)

Have a look what the booklet for
YIQ(152.3130, 50.7070, 11.6590)
contains.

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Color

**YIQ(152.3130, 50.7070,
11.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	D08374
RGB	208, 131, 116
RGB Percent	82%, 51%, 45%
CMY	0.1841, 0.4864, 0.5449
CMYK	0.00, 0.37, 0.44, 0.18
HSL	10°, 49%, 64%
HSV	10°, 44%, 82%
XYZ	37.2924, 30.9024, 20.5388
YIQ	152.3130, 50.7070, 11.6590

Conversions

Conversions Part 2

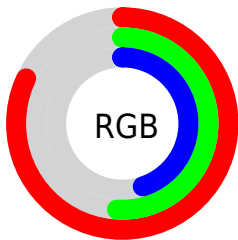
Format	Color
R _Y B	208, 134, 116
Decimal	13665140
CIE Lab	62.43, 28.00, 20.51
CIE LCh	62, 34.713, 36.227
Yxy	30.9024, 0.4203, 0.3483
Android (android.graphics.Color)	4291855220 (0xFFD08374)
YUV	152.3130, -17.9023, 48.8375
Hunter-Lab	55.5900, 22.4638, 17.0071

Details

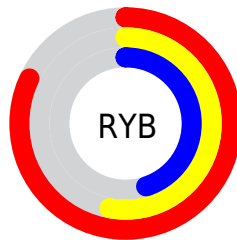
The YIQ color **152.3130, 50.7070, 11.6590** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **171.6870, -50.7070, -11.6590**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9920, 47.1770, 9.5530**, and **99.8610, 46.1680, 11.3200** is the 20% darker color. If you saturate the color by 10%, you get **139.9400, 62.1230, 14.0190**, and if you desaturate by 10%, it is **164.6860, 39.2910, 9.2990**.

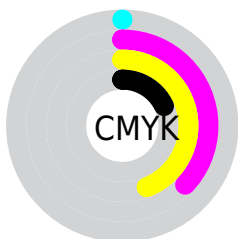
Distribution



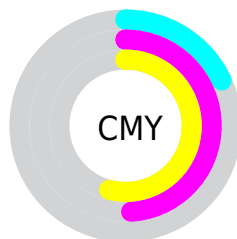
- Red (82%)
- Green (51%)
- Blue (45%)



- Red (82%)
- Yellow (53%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.3130, 50.7070, 11.6590 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 152.3130, 50.7070, 11.6590 by changing the saturation by 10% instead.


 152.3130, 50.7070,
11.6590


 152.3130, 50.7070,
11.6590


255.0000, -0.0000,
-0.0000


 125.5300, 48.5980,
11.3340


 203.9920, 47.1770,
9.5530

 99.8610, 46.1680,
11.3200


 223.5060, 30.8100,
3.3060


 74.7790, 43.4630,
10.7830

 243.1340, 14.1220,
-2.6300

 50.8110, 40.4370,
10.5570

254.6580, 0.9630,
-0.9330

 25.6260, 39.5200,
10.6560

 13.4550, 26.8200,
9.5400

 0.0000, 0.0000,

0.0000

152.3130, 50.7070,
11.6590

152.3130, 50.7070,
11.6590

139.9400, 62.1230,
14.0190

164.6860, 39.2910,
9.2990

126.9800, 73.8140,
16.9020

177.6460, 27.6000,
6.4160

114.7210, 84.9090,
19.5730

189.9050, 16.5050,
3.7450

101.7610, 96.6000,
22.4560

202.8650, 4.8140,
0.8620

89.3880, 108.0160,
24.8160

215.2380, -6.6020,
-1.4980

82.1500, 114.6180,
26.3140

228.1980,
-18.2930, -4.3810

■ 239.7730,
-27.4620, -8.9180

■ 240.9470,
-28.0120, -9.9640

Harmonies

Analogous

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



153.9830, 43.3690, 23.5050



152.3130, 50.7070, 11.6590



151.0050, 45.1620, -3.4940

Triad

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



152.3130, 50.7070, 11.6590



139.2110, -29.4760, -27.4920



148.3750, -40.1200, 11.2400

Complementary

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



152.3130, 50.7070, 11.6590



171.6870, -50.7070, -11.6590

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.



136.6430, -73.7700, -6.6820



152.3130, 50.7070, 11.6590



130.8770, -66.5220, -27.9140

Square

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



152.3130, 50.7070, 11.6590



144.7880, 2.5720, -24.5960



121.6360, -99.3960, -26.8520



154.4180, -6.1480, 23.3240

Rectangle

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



152.3130, 50.7070, 11.6590



149.3470, 35.0310, -12.6250



121.6360, -99.3960, -26.8520



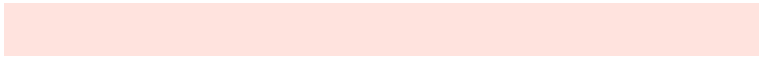
144.7540, -51.6730, 5.8550

Sweetspot

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



152.3130, 50.7070, 11.6590



234.8020, 18.2930, 4.3810



152.4000, 29.7940, 43.7620



115.0400, 11.6910, 2.8830



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.



152.3130, 50.7070, 11.6590



173.2790, 74.4100, 17.1140



178.7280, 38.3320, -11.8760



98.4630, 6.0060, 1.2860



66.0810, 92.7030, 21.4950



16.3680, 22.5110, 5.0310

Inverse Universe

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



171.6870, -50.7070, -11.6590



201.7210, -74.4100, -17.1140



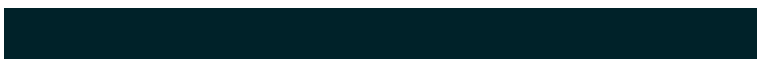
145.2720, -38.3320, 11.8760



100.5370, -6.0060, -1.2860



101.9190, -92.7030, -21.4950



24.6320, -22.5110, -5.0310

Previews

White Background



This preview shows how the YIQ color 152.3130, 50.7070, 11.6590 looks on a white background.

Color Contrast Check

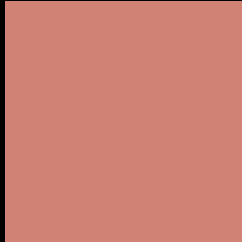
Large Text (above 18pt) WCAG AA × Fail

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 152.3130, 50.7070, 11.6590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

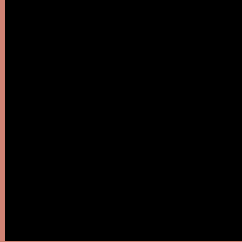
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 152.3130, 50.7070, 11.6590

Background



This preview shows how black text looks on a background with the YIQ color 152.3130, 50.7070, 11.6590.



This preview shows how white text looks on a background with the YIQ color 152.3130, 50.7070,

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

152.3130, 50.7070, 11.6590

Protanopia

150.7270, 13.7100, -6.1780

Deuteranopia

151.2190, 29.9400, -2.9560



Tritanopia

153.5440, 45.9830, 20.1830

Trichromacy



Original Color

152.3130, 50.7070, 11.6590

Protanomaly

151.3590, 26.7300, 0.1540

Deuteranomaly

151.6870, 37.5500, 2.3020

Tritanomaly

152.9200, 47.6800, 16.9600

Monochromacy



Original Color

152.3130, 50.7070, 11.6590

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.8020, 18.2930, 4.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.3130, 50.7070, 11.6590 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(208, 131, 116)` looks like.

```
.text, #text, p{  
    color:rgb(208, 131, 116)  
}
```

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(208, 131, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 131, 116) }
```

Border

The CSS property to change the border of an element to YIQ 152.3130, 50.7070, 11.6590 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(208, 131, 116) }
```


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

```
.border{ border-color:rgb(208, 131, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 131, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 131, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 131, 116);  
box-shadow:4px 4px 4px 4px rgb(208, 131,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 152.3130, 50.7070, 11.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 131, 116) }
```

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

```
.background{ background-color: rgb(208,  
131, 116) }
```

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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