

Converting Colors

YIQ(146.5130, 64.4630, 4.6470)

Have a look what the booklet for
YIQ(146.5130, 64.4630, 4.6470)
contains.

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Color

**YIQ(146.5130, 64.4630,
4.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	D37E53
RGB	211, 126, 83
RGB Percent	83%, 49%, 33%
CMY	0.1724, 0.5060, 0.6742
CMYK	0.00, 0.40, 0.61, 0.17
HSL	20°, 59%, 58%
HSV	20°, 61%, 83%
XYZ	35.8972, 29.3937, 11.9801
YIQ	146.5130, 64.4630, 4.6470

Conversions

Conversions Part 2

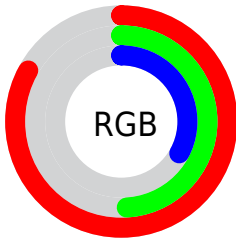
Format	Color
R_{YB}	211, 148, 83
Decimal	13860435
CIE _{Lab}	61.13, 28.97, 37.14
CIE _{LCh}	61, 47.106, 52.044
Yxy	29.3937, 0.4646, 0.3804
Android (android.graphics.Color)	4292050515 (0xFFD37E53)
YUV	146.5130, -31.3119, 56.5551
Hunter-Lab	54.2160, 23.3097, 24.8499

Details

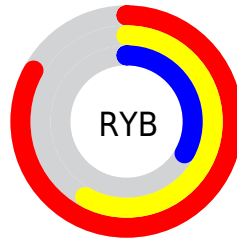
The YIQ color **146.5130, 64.4630, 4.6470** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **147.4870, -64.4630, -4.6470**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.4800, 60.0620, 1.8060**, and **94.1640, 58.1360, 3.6720** is the 20% darker color. If you saturate the color by 10%, you get **135.9010, 75.0540, 5.4380**, and if you desaturate by 10%, it is **157.1250, 53.8720, 3.8560**.

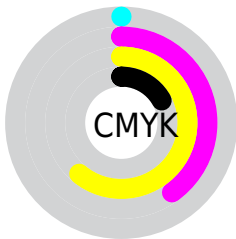
Distribution



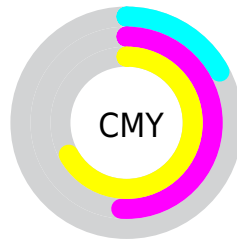
- Red (83%)
- Green (49%)
- Blue (33%)



- Red (83%)
- Yellow (58%)
- Blue (33%)



- Cyan (0%)
- Magenta (40%)
- Yellow (61%)
- Black (17%)





- Cyan (17%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.5130, 64.4630, 4.6470 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 146.5130, 64.4630, 4.6470 by changing the saturation by 10% instead.


 146.5130, 64.4630,
4.6470


 146.5130, 64.4630,
4.6470


255.0000, -0.0000,
-0.0000


 119.5450, 61.4370,
4.4210


 196.5940, 59.7410,
2.1170


 94.1640, 58.1360,
3.6720


 215.9940, 43.6950,
-4.4410

 68.7830, 54.8350,
2.9230


 236.0950, 27.0530,
-11.2110

 45.1400, 49.5160,
5.7080

 250.4400, 12.8400,
-12.4400

 22.3810, 38.8320,
12.1120

 253.7460, 3.5310,
-3.4210

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 146.5130, 64.4630,
4.6470

■ 146.5130, 64.4630,
4.6470

■ 135.9010, 75.0540,
5.4380

■ 157.1250, 53.8720,
3.8560

■ 125.2890, 85.6450,
6.2290

■ 167.7370, 43.2810,
3.0650

■ 114.6770, 96.2360,
7.0200

■ 178.3490, 32.6900,
2.2740

■ 104.7660,
106.2310, 7.5990

■ 188.9610, 22.0990,
1.4830

■ 199.6870, 11.1870,
1.0030

■ 210.2990, 0.5960,
0.2120

■ 220.9110, -9.9950,
-0.5790

■ 231.5230,
-20.5860, -1.3700

■ 240.0830,
-25.3990, -7.7590

Harmonies

Analogous

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



147.7590, 64.5510, 25.0870



146.5130, 64.4630, 4.6470



144.0680, 48.8780, -15.7780

Triad

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



146.5130, 64.4630, 4.6470



114.0060, -89.5350, -45.8790



147.8850, -32.3280, 24.2160

Complementary

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



146.5130, 64.4630, 4.6470



147.4870, -64.4630, -4.6470

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.



123.7830, -103.3430, -4.8710



146.5130, 64.4630, 4.6470



118.7940, -103.0170, -32.8170

Square

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



146.5130, 64.4630, 4.6470



133.9050, -20.1670, -36.5110



120.4360, -113.1520, -19.8400



152.2730, 13.7940, 36.3700

Rectangle

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



146.5130, 64.4630, 4.6470



142.3490, 31.5490, -26.6190



120.4360, -113.1520, -19.8400



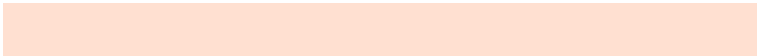
143.8010, -49.8870, 17.5450

Sweetspot

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



146.5130, 64.4630, 4.6470



231.5590, 23.2910, 1.9070



130.9620, 49.0030, 53.5710



113.5410, 14.5340, 0.9180



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.



146.5130, 64.4630, 4.6470



161.0080, 93.8060, 7.0060



184.0810, 46.8630, -28.8250



99.6370, 5.4560, 0.2400



83.1040, 84.7280, 6.3280



20.4770, 20.5860, 1.3700

Inverse Universe

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



147.4870, -64.4630, -4.6470



162.9920, -93.8060, -7.0060



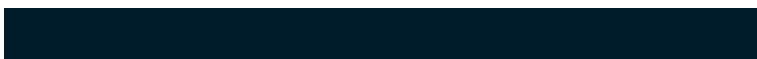
109.9190, -46.8630, 28.8250



99.3630, -5.4560, -0.2400



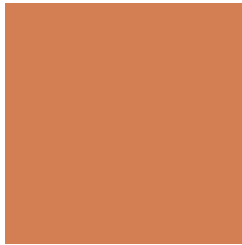
84.8960, -84.7280, -6.3280



20.5230, -20.5860, -1.3700

Previews

White Background



This preview shows how the YIQ color 146.5130, 64.4630, 4.6470 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 146.5130, 64.4630, 4.6470 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 146.5130, 64.4630, 4.6470

Background



This preview shows how black text looks on a background with the YIQ color 146.5130, 64.4630, 4.6470.



This preview shows how white text looks on a background with the YIQ color 146.5130, 64.4630,

4.6470.

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

146.5130, 64.4630, 4.6470

Protanopia

145.6880, 26.6410, -14.7590

Deuteranopia

146.0060, 43.4210, -10.4910



Tritanopia

149.1320, 53.1350, 22.7270

Trichromacy



Original Color

146.5130, 64.4630, 4.6470

Protanomaly

146.0320, 40.5320, -7.6920

Deuteranomaly

146.4740, 51.0310, -5.2330

Tritanomaly

148.0690, 57.4460, 16.1820

Monochromacy



Original Color

146.5130, 64.4630, 4.6470

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.5590, 23.2910, 1.9070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.5130, 64.4630, 4.6470 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(211, 126, 83)` looks like.

```
.text, #text, p{  
    color:rgb(211, 126, 83)  
}
```

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(211, 126, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 126, 83) }
```

Border

The CSS property to change the border of an element to YIQ 146.5130, 64.4630, 4.6470 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(211, 126, 83) }
```


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

```
.border{ border-color:rgb(211, 126, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 126, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 126, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 126, 83);  
box-shadow:4px 4px 4px 4px rgb(211, 126,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 146.5130, 64.4630, 4.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 126, 83) }
```

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

```
.background{ background-color: rgb(211,  
126, 83) }
```

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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