

Converting Colors

YIQ(132.0040, 90.4610, -3.9630)

Have a look what the booklet for
YIQ(132.0040, 90.4610, -3.9630)
contains.

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Color

**YIQ(132.0040, 90.4610,
-3.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	D86E19
RGB	216, 110, 25
RGB Percent	85%, 43%, 10%
CMY	0.1527, 0.5688, 0.9015
CMYK	0.00, 0.49, 0.88, 0.15
HSL	27°, 79%, 47%
HSV	27°, 88%, 85%
XYZ	34.0817, 25.8195, 4.1132
YIQ	132.0040, 90.4610, -3.9630

Conversions

Conversions Part 2

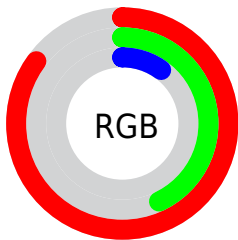
Format	Color
R_{YB}	216, 178, 25
Decimal	14183961
CIE _{Lab}	57.87, 36.83, 60.25
CIE _{LCh}	58, 70.615, 58.558
Yxy	25.8195, 0.5324, 0.4033
Android (android.graphics.Color)	4292374041 (0xFFD86E19)
YUV	132.0040, -52.7530, 73.6645
Hunter-Lab	50.8129, 30.8024, 30.7696

Details

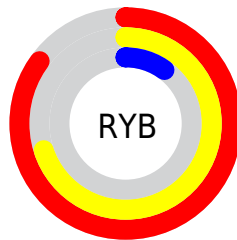
The YIQ color **132.0040, 90.4610, -3.9630** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **108.9960, -90.4610, 3.9630**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.9320, 81.7960, -6.6200**, and **81.2660, 75.2840, 1.2680** is the 20% darker color. If you saturate the color by 10%, you get **122.5660, 100.5020, -4.2180**, and if you desaturate by 10%, it is **141.5560, 80.0990, -3.3970**.

Distribution



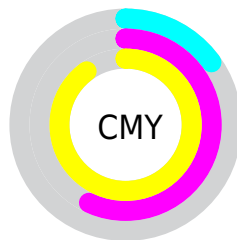
- Red (85%)
- Green (43%)
- Blue (10%)



- Red (85%)
- Yellow (70%)
- Blue (10%)



- Cyan (0%)
- Magenta (49%)
- Yellow (88%)
- Black (15%)





- Cyan (15%)
- Magenta (57%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.0040, 90.4610, -3.9630 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 132.0040, 90.4610, -3.9630 by changing the saturation by 10% instead.


 132.0040, 90.4610,
-3.9630


 132.0040, 90.4610,
-3.9630


255.0000, -0.0000,
-0.0000


 104.6230, 87.1600,
-4.7120


 180.9320, 81.7960,
-6.6200


 81.2660, 75.2840,
1.2680


 200.4460, 65.4290,
-12.8670


 57.6210, 64.2790,
7.9830


 219.8460, 49.3830,
-19.4250

 31.0410, 54.6490,
17.3130

 239.9470, 32.7410,
-26.1950

 19.7340, 39.3360,
13.9920

 247.2480, 21.8280,
-21.1480

 12.3730, 24.1150,
9.0030

 250.5540, 12.5190,

 0.0000, 0.0000,

-12.1290

0.0000

253.8600, 3.2100,
-3.1100

132.0040, 90.4610,
-3.9630

132.0040, 90.4610,
-3.9630

122.5660,
100.5020, -4.2180

141.5560, 80.0990,
-3.3970

120.9360,
102.3360, -4.4160

150.9940, 70.0580,
-3.1420

160.5460, 59.6960,
-2.5760

170.0980, 49.3340,
-2.0100

179.5360, 39.2930,
-1.7550

■ 189.0880, 28.9310,
-1.1890

■ 198.5260, 18.8900,
-0.9340

■ 208.0780, 8.5280,
-0.3680

■ 217.6300, -1.8340,
0.1980

Harmonies

Analogous

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



130.6660, 95.9100, 34.9660



132.0040, 90.4610, -3.9630



129.7760, 63.5990, -34.7770

Triad

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



132.0040, 90.4610, -3.9630



112.7180, -88.6640, -45.1440



139.6310, -36.8240, 39.6240

Complementary

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



132.0040, 90.4610, -3.9630



108.9960, -90.4610, 3.9630

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.



115.9460, -122.5550, 1.9010



132.0040, 90.4610, -3.9630



119.9000, -108.8870, -25.5510

Square

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



132.0040, 90.4610, -3.9630



103.0740, -67.0200, -62.9560



122.3230, -122.5990, -8.3190



140.3380, 33.5050, 59.1130

Rectangle

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



132.0040, 90.4610, -3.9630



126.0450, 37.3760, -49.6320



122.3230, -122.5990, -8.3190



131.0610, -70.7500, 26.7060

Sweetspot

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



132.0040, 90.4610, -3.9630



224.8280, 32.5990, -1.5850



94.4210, 79.1680, 74.0800



109.8250, 19.4860, -0.7220



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.



132.0040, 90.4610, -3.9630



142.5760, 120.9050, -5.0390



186.5950, 64.8860, -52.6020



102.2240, 5.1810, -0.2830



95.7410, 81.0160, -3.4960



24.0100, 20.4030, -0.8210

Inverse Universe

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



108.9960, -90.4610, 3.9630



112.4240, -120.9050, 5.0390



54.4050, -64.8860, 52.6020



100.7760, -5.1810, 0.2830



75.2590, -81.0160, 3.4960



18.9900, -20.4030, 0.8210

Previews

White Background



This preview shows how the YIQ color 132.0040, 90.4610, -3.9630 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 132.0040, 90.4610, -3.9630 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 132.0040, 90.4610, -3.9630

Background



This preview shows how black text looks on a background with the YIQ color 132.0040, 90.4610, -3.9630.



This preview shows how white text looks on a background with the YIQ color 132.0040, 90.4610,

-3.9630.

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

132.0040, 90.4610, -3.9630

Protanopia

132.8850, 44.4790, -29.6730

Deuteranopia

130.1080, 68.5960, -31.7240



Tritanopia

138.4820, 66.8890, 26.7690

Trichromacy



Original Color

132.0040, 90.4610, -3.9630

Protanomaly

132.3650, 60.9830, -20.4010

Deuteranomaly

130.9230, 76.8470, -21.5610

Tritanomaly

136.4100, 75.4190, 15.3470

Monochromacy



Original Color

132.0040, 90.4610, -3.9630

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.1270, 33.1950, -1.3730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.0040, 90.4610, -3.9630 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, 110, 25)` looks like.

```
.text, #text, p{  
    color:rgb(216, 110, 25)  
}
```

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, 110, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 110, 25) }
```

Border

The CSS property to change the border of an element to YIQ 132.0040, 90.4610, -3.9630 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, 110, 25) }
```


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

```
.border{ border-color:rgb(216, 110, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 110, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 110, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 110, 25);  
box-shadow:4px 4px 4px 4px rgb(216, 110,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 132.0040, 90.4610, -3.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 110, 25) }
```

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

```
.background{ background-color: rgb(216,  
110, 25) }
```

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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