

Converting Colors

YIQ(132.0490, 86.5610, 11.6570)

Have a look what the booklet for
YIQ(132.0490, 86.5610, 11.6570)
contains.

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Color

**YIQ(132.0490, 86.5610,
11.6570)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6538
RGB	222, 101, 56
RGB Percent	87%, 40%, 22%
CMY	0.1292, 0.6041, 0.7800
CMYK	0.00, 0.55, 0.75, 0.13
HSL	16°, 72%, 55%
HSV	16°, 75%, 87%
XYZ	35.5094, 25.1240, 6.7316
YIQ	132.0490, 86.5610, 11.6570

Conversions

Conversions Part 2

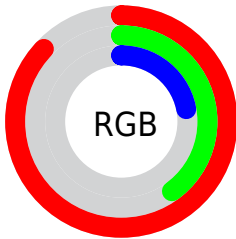
Format	Color
R_{YB}	222, 118, 56
Decimal	14574904
CIE _{Lab}	57.20, 44.61, 47.12
CIE _{LCh}	57, 64.887, 46.564
Yxy	25.1240, 0.5271, 0.3730
Android (android.graphics.Color)	4292764984 (0xFFDE6538)
YUV	132.0490, -37.4922, 78.8870
Hunter-Lab	50.1238, 38.7387, 27.1240

Details

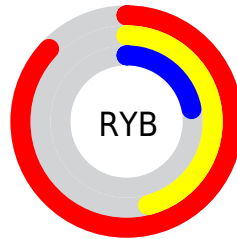
The YIQ color **132.0490, 86.5610, 11.6570** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **145.9510, -86.5610, -11.6570**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.2000, 75.6500, 5.6500**, and **76.7000, 80.2340, 10.6820** is the 20% darker color. If you saturate the color by 10%, you get **120.1490, 98.0230, 13.1830**, and if you desaturate by 10%, it is **143.9490, 75.0990, 10.1310**.

Distribution



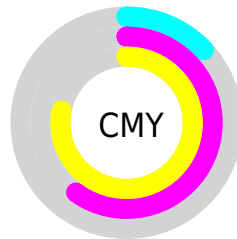
- Red (87%)
- Green (40%)
- Blue (22%)



- Red (87%)
- Yellow (46%)
- Blue (22%)



- Cyan (0%)
- Magenta (55%)
- Yellow (75%)
- Black (13%)





- Cyan (13%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.0490, 86.5610, 11.6570 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 132.0490, 86.5610, 11.6570 by changing the saturation by 10% instead.


 132.0490, 86.5610,
11.6570


 132.0490, 86.5610,
11.6570


255.0000, -0.0000,
-0.0000


 104.7820, 82.9390,
11.2190


 179.2000, 75.6500,
5.6500


 76.7000, 80.2340,
10.6820


 198.0130, 59.8790,
-0.3850


 50.0230, 72.2550,
17.6230


 218.1140, 43.2370,
-7.1550

 29.9000, 59.6000,
21.2000

 238.2150, 26.5950,
-13.9250

 21.2290, 42.3160,
15.0520

 250.2120, 13.4820,
-13.0620

 13.5690, 26.4990,
9.8510

 253.5180, 4.1730,

 0.0000, 0.0000,

-4.0430

0.0000

■ 132.0490, 86.5610,
11.6570

■ 132.0490, 86.5610,
11.6570

■ 120.1490, 98.0230,
13.1830

■ 143.9490, 75.0990,
10.1310

■ 108.2490,
109.4850, 14.7090

■ 155.9630, 63.3160,
8.9160

■ 101.5980,
115.8120, 15.6840

■ 168.4500, 51.5790,
6.8670

■ 180.3500, 40.1170,
5.3410

■ 192.2500, 28.6550,
3.8150

■ 204.1500, 17.1930,
2.2890

■ 216.1640, 5.4100,
1.0740

■ 228.6510, -6.3270,
-0.9750

■ 240.4370,
-17.4680, -2.8120

Harmonies

Analogous

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



131.0210, 84.9050, 41.6810



132.0490, 86.5610, 11.6570



128.8040, 75.5640, -25.8440

Triad

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



132.0490, 86.5610, 11.6570



107.5200, -79.5390, -50.8270



129.8500, -68.7780, 24.0060

Complementary

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



132.0490, 86.5610, 11.6570



145.9510, -86.5610, -11.6570

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.



116.9090, -121.1330, -1.8450



132.0490, 86.5610, 11.6570



114.8330, -98.7530, -33.0010

Square

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



132.0490, 86.5610, 11.6570



117.0490, -21.1730, -51.3250



119.4730, -114.5740, -16.0940



140.9540, 7.9230, 49.1630

Rectangle

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



132.0490, 86.5610, 11.6570



127.3400, 52.9630, -40.2610



119.4730, -114.5740, -16.0940



110.6800, -118.7500, 4.5300

Sweetspot

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



132.0490, 86.5610, 11.6570



224.5490, 29.2510, 4.0270



119.5420, 59.7740, 73.1340



109.4490, 17.7890, 2.5010



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.



132.0490, 86.5610, 11.6570



130.7510, 119.7550, 15.8110



180.1830, 64.0110, -31.2290



106.0500, 5.7310, 0.7630



80.8000, 91.6960, 12.2080



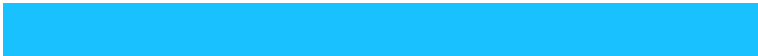
21.9830, 25.0330, 3.3770

Inverse Universe

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



145.9510, -86.5610, -11.6570



149.8360, -120.0300, -16.3340



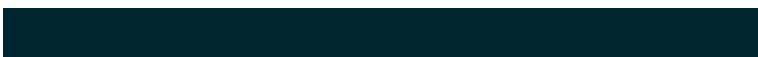
97.8170, -64.0110, 31.2290



106.9500, -5.7310, -0.7630



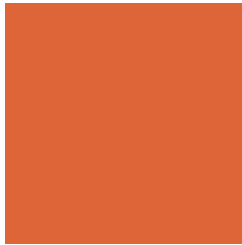
95.2000, -91.6960, -12.2080



26.0170, -25.0330, -3.3770

Previews

White Background



This preview shows how the YIQ color 132.0490, 86.5610, 11.6570 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 132.0490, 86.5610, 11.6570 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 132.0490, 86.5610, 11.6570

Background



This preview shows how black text looks on a background with the YIQ color 132.0490, 86.5610, 11.6570.



This preview shows how white text looks on a background with the YIQ color 132.0490, 86.5610,

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

132.0490, 86.5610, 11.6570

Protanopia

134.0920, 31.1350, -19.1130

Deuteranopia

133.7970, 51.0790, -17.1210



Tritanopia

134.9560, 74.3620, 29.0020

Trichromacy



Original Color

132.0490, 86.5610, 11.6570

Protanomaly

133.4800, 50.8940, -8.2580

Deuteranomaly

133.0640, 63.8690, -6.6190

Tritanomaly

133.8930, 78.6730, 22.4570

Monochromacy



Original Color

132.0490, 86.5610, 11.6570

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.2180, 31.6810, 4.0410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.0490, 86.5610, 11.6570 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(222, 101, 56)` looks like.

```
.text, #text, p{  
    color:rgb(222, 101, 56)  
}
```

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(222, 101, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 101, 56) }
```

Border

The CSS property to change the border of an element to YIQ 132.0490, 86.5610, 11.6570 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(222, 101, 56) }
```


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

```
.border{ border-color:rgb(222, 101, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 101, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 101, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 101, 56);  
box-shadow:4px 4px 4px 4px rgb(222, 101,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 132.0490, 86.5610, 11.6570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 101, 56) }
```

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

```
.background{ background-color: rgb(222,  
101, 56) }
```

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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