

Converting Colors

YIQ(132.3680, 66.0690, -2.4350)

Have a look what the booklet for
YIQ(132.3680, 66.0690, -2.4350)
contains.

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Color

**YIQ(132.3680, 66.0690,
-2.4350)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C27437 |
| RGB | 194, 116, 55 |
| RGB Percent | 76%, 45%, 22% |
| CMY | 0.2391, 0.5452, 0.7840 |
| CMYK | 0.00, 0.40, 0.72, 0.24 |
| HSL | 26°, 56%, 49% |
| HSV | 26°, 72%, 76% |
| XYZ | 29.1909, 24.2341, 6.7635 |
| YIQ | 132.3680, 66.0690, -2.4350 |

Conversions

Conversions Part 2

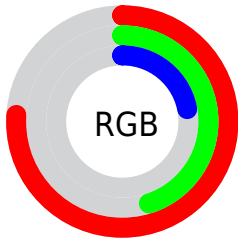
| Format | Color |
|--|---|
| RYB | 194, 164, 55 |
| Decimal | 12743735 |
| CIELab | 56.32, 25.61, 45.48 |
| CIElCh | 56, 52.201, 60.615 |
| Yxy | 24.2341, 0.4850, 0.4026 |
| Android (android.graphics.Color) | 4290933815 (0xFFC27437) |
| YUV | 132.3680, -38.1424, 54.0513 |
| Hunter-Lab | 49.2281, 19.6961, 26.3138 |

Details

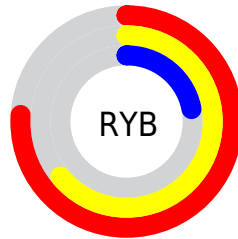
The YIQ color **132.3680, 66.0690, -2.4350** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **116.6320, -66.0690, 2.4350**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4180, 71.8000, -1.6720**, and **80.0360, 61.0720, -5.4880** is the 20% darker color. If you saturate the color by 10%, you get **123.7450, 75.1930, -2.5910**, and if you desaturate by 10%, it is **140.9910, 56.9450, -2.2790**.

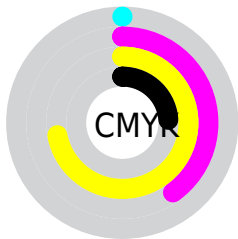
Distribution



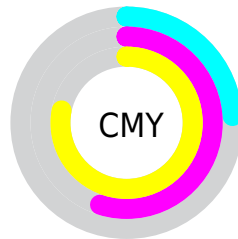
- Red (76%)
- Green (45%)
- Blue (22%)



- Red (76%)
- Yellow (64%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.3680, 66.0690, -2.4350 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 132.3680, 66.0690, -2.4350 by changing the saturation by 10% instead.

■ 132.3680, 66.0690,
-2.4350

■ 132.3680, 66.0690,
-2.4350

■ 255.0000, -0.0000,
-0.0000

■ 105.9870, 62.7680,
-3.1840

■ 186.8310, 72.0750,
-1.1490

■ 80.0360, 61.0720,
-5.4880

■ 206.2310, 56.0290,
-7.7070

■ 57.8210, 51.6720,
-0.3280

■ 225.6310, 39.9830,
-14.2650

■ 35.9480, 41.3090,
5.7650

■ 245.8460, 23.0200,
-20.7240

■ 15.5480, 30.9920,
11.0240

■ 250.2120, 13.4820,
-13.0620

■ 6.2790, 12.5160,
4.4520

■ 253.4040, 4.4940,

■ 0.0000, 0.0000,

-4.3540

0.0000

■ 132.3680, 66.0690,
-2.4350

■ 132.3680, 66.0690,
-2.4350

■ 123.7450, 75.1930,
-2.5910

■ 140.9910, 56.9450,
-2.2790

■ 115.0080, 84.6380,
-3.0580

■ 149.7280, 47.5000,
-1.8120

■ 107.9010, 92.2490,
-3.3270

■ 158.3510, 38.3760,
-1.6560

■ 167.0880, 28.9310,
-1.1890

■ 175.1240, 20.0820,
-0.5100

■ 183.8610, 10.6370,
-0.0430

■ 192.4840, 1.5130,
0.1130

■ 201.1070, -7.6110,
0.2690

■ 209.8440,
-17.0560, 0.7360

Harmonies

Analogous

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



132.7720, 71.7040, 22.1040



132.3680, 66.0690, -2.4350



129.5310, 45.7160, -24.5560

Triad

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



132.3680, 66.0690, -2.4350



107.5490, -86.5100, -40.1260



137.5600, -20.8670, 31.2690

Complementary

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



132.3680, 66.0690, -2.4350



116.6320, -66.0690, 2.4350

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.



110.3360, -106.2780, -1.2380



132.3680, 66.0690, -2.4350



112.0920, -100.6800, -25.6080

Square

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



132.3680, 66.0690, -2.4350



113.8850, -43.7780, -43.6340



113.0330, -110.2190, -12.4190



138.6770, 27.4560, 42.0800

Rectangle

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



132.3680, 66.0690, -2.4350



126.8270, 24.0310, -33.5450



113.0330, -110.2190, -12.4190



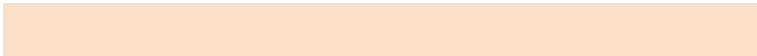
133.9920, -39.9390, 24.4850

Sweetspot

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



132.3680, 66.0690, -2.4350



228.9350, 24.9880, -1.3160



105.5670, 57.4850, 54.0370



113.7860, 15.2220, -0.5380



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.



132.3680, 66.0690, -2.4350



155.6480, 103.2070, -3.6810



172.8710, 47.0940, -38.5220



92.3380, 4.8600, 0.0280



89.2290, 76.7060, -2.4780



18.6720, 15.5430, -0.8490

Inverse Universe

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



116.6320, -66.0690, 2.4350



131.3520, -103.2070, 3.6810



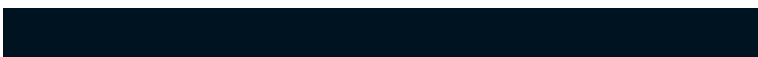
76.1290, -47.0940, 38.5220



91.6620, -4.8600, -0.0280



71.1840, -76.4310, 3.0010



14.9150, -15.8180, 0.3260

Previews

White Background



This preview shows how the YIQ color 132.3680, 66.0690, -2.4350 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 132.3680, 66.0690, -2.4350 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 132.3680, 66.0690, -2.4350

Background



This preview shows how black text looks on a background with the YIQ color 132.3680, 66.0690, -2.4350.



This preview shows how white text looks on a background with the YIQ color 132.3680, 66.0690,

-2.4350.

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

132.3680, 66.0690, -2.4350

Protanopia

131.6360, 32.4190, -20.3570

Deuteranopia

132.1820, 48.5570, -15.4670



Tritanopia

136.5230, 50.4760, 21.3560

Trichromacy



Original Color

132.3680, 66.0690, -2.4350

Protanomaly

132.0830, 44.5220, -13.9260

Deuteranomaly

132.0520, 54.9750, -10.6330

Tritanomaly

135.3630, 56.4380, 12.4220

Monochromacy



Original Color

132.3680, 66.0690, -2.4350

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.1630, 24.3460, -0.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.3680, 66.0690, -2.4350 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(194, 116, 55)` looks like.

```
.text, #text, p{  
    color:rgb(194, 116, 55)  
}
```

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(194, 116, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 116, 55) }
```

Border

The CSS property to change the border of an element to YIQ 132.3680, 66.0690, -2.4350 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(194, 116, 55) }
```


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

```
.border{ border-color:rgb(194, 116, 55) }
```

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

Here you see how a box with a 4 pixel rgb(194, 116, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 116, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 116, 55);  
box-shadow:4px 4px 4px 4px rgb(194, 116,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 132.3680, 66.0690, -2.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 116, 55) }
```

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

```
.background{ background-color: rgb(194,  
116, 55) }
```

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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