

Converting Colors

YIQ(138.4750, 75.6530,
-10.9310)

Have a look what the booklet for
YIQ(138.4750, 75.6530, -10.9310)
contains.

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Color

**YIQ(138.4750, 75.6530,
-10.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7D24
RGB	204, 125, 36
RGB Percent	80%, 49%, 14%
CMY	0.1999, 0.5099, 0.8584
CMYK	0.00, 0.39, 0.82, 0.20
HSL	32°, 70%, 47%
HSV	32°, 82%, 80%
XYZ	32.5604, 27.6289, 5.2934
YIQ	138.4750, 75.6530, -10.9310

Conversions

Conversions Part 2

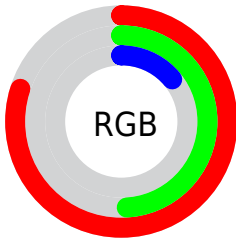
Format	Color
R_{YB}	185, 204, 36
Decimal	13401380
CIE _{Lab}	59.55, 24.20, 57.27
CIE _{LCh}	60, 62.171, 67.093
Yxy	27.6289, 0.4972, 0.4219
Android (android.graphics.Color)	4291591460 (0xFFCC7D24)
YUV	138.4750, -50.5202, 57.4654
Hunter-Lab	52.5632, 18.5867, 30.8234

Details

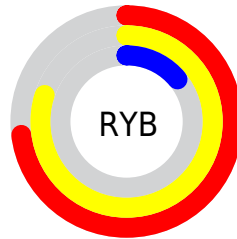
The YIQ color **138.4750, 75.6530, -10.9310** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **101.5250, -75.6530, 10.9310**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8770, 74.4610, -11.3550**, and **87.6680, 64.9240, -9.2200** is the 20% darker color. If you saturate the color by 10%, you get **130.3250, 84.8230, -11.9210**, and if you desaturate by 10%, it is **146.7390, 66.1620, -9.6300**.

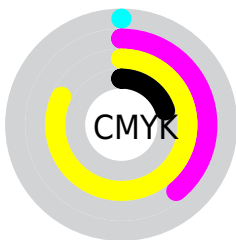
Distribution



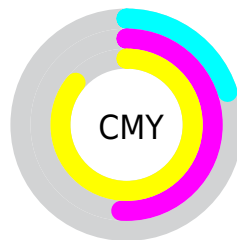
- Red (80%)
- Green (49%)
- Blue (14%)



- Red (73%)
- Yellow (80%)
- Blue (14%)



- Cyan (0%)
- Magenta (39%)
- Yellow (82%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.4750, 75.6530, -10.9310 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 138.4750, 75.6530, -10.9310 by changing the saturation by 10% instead.


 138.4750, 75.6530,
-10.9310


 138.4750, 75.6530,
-10.9310


 255.0000, -0.0000,
-0.0000


 110.8400, 75.8830,
-15.1010


 190.8770, 74.4610,
-11.3550


 87.6680, 64.9240,
-9.2200


 209.6900, 58.6900,
-17.3900


 64.9090, 54.2400,
-2.8160


 229.7910, 42.0480,
-24.1600

 43.3240, 43.0060,
2.5420

 245.1960, 27.6060,
-26.7460

 21.7500, 33.2390,
8.8470

 248.3880, 18.6180,
-18.0380

 10.8780, 21.1350,
7.9430

 251.6940, 9.3090,

 0.0000, 0.0000,

-9.0190

0.0000

■ 138.4750, 75.6530,
-10.9310

■ 138.4750, 75.6530,
-10.9310

■ 130.3250, 84.8230,
-11.9210

■ 146.7390, 66.1620,
-9.6300

■ 124.3920, 91.8840,
-13.2360

■ 154.3020, 57.2670,
-8.1170

■ 162.4520, 48.0970,
-7.1270

■ 170.1290, 38.8810,
-5.3030

■ 178.2790, 29.7110,
-4.3130

■ 186.5430, 20.2200,
-3.0120

■ 194.1060, 11.3250,
-1.4990

■ 202.2560, 2.1550,
-0.5090

■ 209.9330, -7.0610,
1.3150

Harmonies

Analogous

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



138.9600, 85.7340, 21.1420



138.4750, 75.6530, -10.9310



134.0240, 51.0370, -38.3950

Triad

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



138.4750, 75.6530, -10.9310



116.8730, -96.2300, -40.1820



146.9730, -11.4240, 41.8560

Complementary

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



138.4750, 75.6530, -10.9310



101.5250, -75.6530, 10.9310

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.



121.0080, -107.9300, 6.6780



138.4750, 75.6530, -10.9310



122.3280, -112.9680, -23.1760

Square

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



138.4750, 75.6530, -10.9310



108.7280, -77.4290, -56.0290



121.7360, -122.3240, -7.7960



144.9120, 43.2720, 52.8080

Rectangle

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



138.4750, 75.6530, -10.9310



131.2250, 19.4940, -44.9380



121.7360, -122.3240, -7.7960



144.1380, -34.1180, 34.6340

Sweetspot

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



138.4750, 75.6530, -10.9310



230.0940, 28.7940, -4.2140



95.4660, 74.1270, 60.8070



112.4010, 17.7440, -2.1920



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.



138.4750, 75.6530, -10.9310



156.4190, 113.6170, -16.1350



183.9510, 52.1400, -52.8840



97.9250, 4.5850, -0.4950



101.2900, 74.7360, -10.8320



23.1020, 17.1480, -2.4040

Inverse Universe

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



101.5250, -75.6530, 10.9310



100.9940, -113.3420, 16.6580



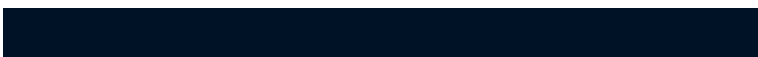
56.0490, -52.1400, 52.8840



96.0750, -4.5850, 0.4950



64.7100, -74.7360, 10.8320



14.8980, -17.1480, 2.4040

Previews

White Background



This preview shows how the YIQ color 138.4750, 75.6530, -10.9310 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 138.4750, 75.6530, -10.9310 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 138.4750, 75.6530, -10.9310

Background



This preview shows how black text looks on a background with the YIQ color 138.4750, 75.6530, -10.9310.



This preview shows how white text looks on a background with the YIQ color 138.4750, 75.6530, -10.9310.

-10.9310.

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

138.4750, 75.6530, -10.9310

Protanopia

137.3410, 43.1950, -28.4290

Deuteranopia

137.4850, 60.5250, -23.1150



Tritanopia

145.4200, 52.2640, 21.9920

Trichromacy



Original Color

138.4750, 75.6530, -10.9310

Protanomaly

137.7880, 55.2980, -21.9980

Deuteranomaly

137.7570, 65.7510, -18.7050

Tritanomaly

142.9350, 60.5190, 10.0470

Monochromacy



Original Color

138.4750, 75.6530, -10.9310

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0230, 27.5560, -3.8040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.4750, 75.6530, -10.9310 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(204, 125, 36)` looks like.

```
.text, #text, p{  
    color:rgb(204, 125, 36)  
}
```

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(204, 125, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 125, 36) }
```

Border

The CSS property to change the border of an element to YIQ 138.4750, 75.6530, -10.9310 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(204, 125, 36) }
```


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

```
.border{ border-color:rgb(204, 125, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 125, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 125, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 125, 36);  
box-shadow:4px 4px 4px 4px rgb(204, 125,  
36) }
```

Background

The CSS property to change the background color of an element to YIQ 138.4750, 75.6530, -10.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 125, 36) }
```

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

```
.background{ background-color: rgb(204,  
125, 36) }
```

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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