

Converting Colors

YIQ(135.1690, 112.4660,
10.2420)

Have a look what the booklet for
YIQ(135.1690, 112.4660, 10.2420)
contains.

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Color

**YIQ(135.1690, 112.4660,
10.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	F9621C
RGB	249, 98, 28
RGB Percent	98%, 38%, 11%
CMY	0.0232, 0.6159, 0.8897
CMYK	0.00, 0.61, 0.89, 0.02
HSL	19°, 95%, 54%
HSV	19°, 89%, 98%
XYZ	43.6685, 28.9624, 4.3954
YIQ	135.1690, 112.4660, 10.2420

Conversions

Conversions Part 2

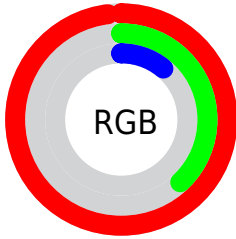
Format	Color
R_{YB}	249, 130, 28
Decimal	16343580
CIE _{Lab}	60.75, 55.00, 63.72
CIE _{LCh}	61, 84.174, 49.198
Yxy	28.9624, 0.5669, 0.3760
Android (android.graphics.Color)	4294533660 (0xFFFF9621C)
YUV	135.1690, -52.8343, 99.8298
Hunter-Lab	53.8168, 50.6607, 32.8294

Details

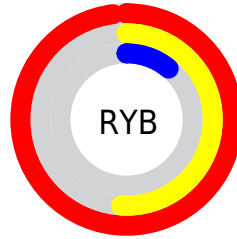
The YIQ color **135.1690, 112.4660, 10.2420** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **141.8310, -112.4660, -10.2420**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4040, 83.5830, -0.4570**, and **79.0830, 98.3890, 17.5650** is the 20% darker color. If you saturate the color by 10%, you get **122.3400, 125.1660, 11.3580**, and if you desaturate by 10%, it is **147.9980, 99.7660, 9.1260**.

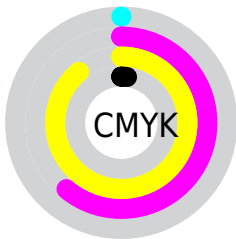
Distribution



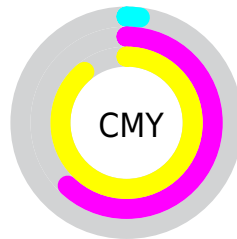
- Red (98%)
- Green (38%)
- Blue (11%)



- Red (98%)
- Yellow (51%)
- Blue (11%)



- Cyan (0%)
- Magenta (61%)
- Yellow (89%)
- Black (2%)





- Cyan (2%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.1690, 112.4660, 10.2420 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 135.1690, 112.4660, 10.2420 by changing the saturation by 10% instead.


 135.1690,
112.4660, 10.2420


 135.1690,
112.4660, 10.2420


255.0000, -0.0000,
-0.0000


 105.6740,
109.4860, 9.1820


 175.4040, 83.5830,
-0.4570


 78.4960, 98.6640,
18.0880


 194.8040, 67.5370,
-7.0150


 45.4480, 90.5920,
32.2240


 214.7910, 51.2160,
-14.0960

 36.1790, 72.1160,
25.6520

 235.0060, 34.2530,
-20.5550

 26.9100, 53.6400,
19.0800

 247.4760, 21.1860,
-20.5260

 19.0650, 36.9060,
13.9780

 250.7820, 11.8770,

 8.7850, 16.9630,

-11.5070

6.4590

254.0880, 2.5680,
-2.4880

0.0000, 0.0000,
0.0000

135.1690,
112.4660, 10.2420

135.1690,
112.4660, 10.2420

122.3400,
125.1660, 11.3580

147.9980, 99.7660,
9.1260

120.8240,
126.6790, 11.4710

160.8270, 87.0660,
8.0100

173.6560, 74.3660,
6.8940

186.4850, 61.6660,
5.7780

199.3140, 48.9660,
4.6620

212.1430, 36.2660,
3.5460

224.8580, 23.8870,
2.1190

237.6870, 11.1870,
1.0030

250.5160, -1.5130,
-0.1130

Harmonies

Analogous

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



121.4460, 103.2420, 56.2820



135.1690, 112.4660, 10.2420



138.1590, 81.7540, -27.8940

Triad

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



135.1690, 112.4660, 10.2420



117.1230, -85.9110, -56.4950



128.6030, -84.3200, 19.3280

Complementary

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



135.1690, 112.4660, 10.2420



141.8310, -112.4660, -10.2420

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.



125.3380, -126.9550, -6.4670



135.1690, 112.4660, 10.2420



127.1890, -111.4990, -33.2830

Square

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



135.1690, 112.4660, 10.2420



104.1390, -57.6180, -79.1700



131.7950, -129.9800, -12.2200



148.5230, 17.2270, 67.7790

Rectangle

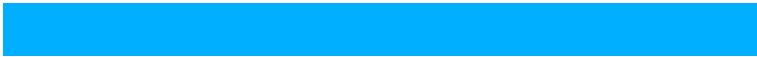
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



135.1690, 112.4660, 10.2420



135.2810, 51.4510, -45.9010



131.7950, -129.9800, -12.2200



116.5330, -122.8300, 1.3780

Sweetspot

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



135.1690, 112.4660, 10.2420



219.5450, 35.0740, 3.1220



111.7490, 81.9610, 95.0570



106.8900, 20.8610, 1.8930



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.



135.1690, 112.4660, 10.2420



123.7920, 129.7050, 11.6970



197.9780, 83.0410, -45.7190



118.2350, 6.6480, 0.6640



91.7310, 96.1440, 8.6880



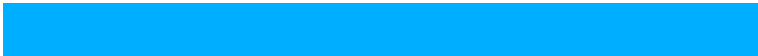
29.3920, 31.1310, 2.9950

Inverse Universe

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



141.8310, -112.4660, -10.2420



131.2080, -129.7050, -11.6970



79.0220, -83.0410, 45.7190



118.7650, -6.6480, -0.6640



97.2690, -96.1440, -8.6880



31.6080, -31.1310, -2.9950

Previews

White Background



This preview shows how the YIQ color 135.1690, 112.4660, 10.2420 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 135.1690, 112.4660, 10.2420 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 135.1690, 112.4660, 10.2420

Background



This preview shows how black text looks on a background with the YIQ color 135.1690, 112.4660, 10.2420.



This preview shows how white text looks on a background with the YIQ color 135.1690, 112.4660,

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

135.1690, 112.4660, 10.2420

Protanopia

140.2980, 44.7540, -29.1500

Deuteranopia

137.2070, 72.6310, -33.2650



Tritanopia

140.1110, 93.1590, 35.2630

Trichromacy



Original Color

135.1690, 112.4660, 10.2420

Protanomaly

138.4310, 69.7850, -14.7190

Deuteranomaly

136.4190, 87.2540, -17.4340

Tritanomaly

138.1360, 100.0380, 26.2300

Monochromacy



Original Color

135.1690, 112.4660, 10.2420

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.1820, 40.5300, 3.3620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1690, 112.4660, 10.2420 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(249, 98, 28)` looks like.

```
.text, #text, p{  
    color:rgb(249, 98, 28)  
}
```

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(249, 98, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 98, 28) }
```

Border

The CSS property to change the border of an element to YIQ 135.1690, 112.4660, 10.2420 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(249, 98, 28) }
```


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

```
.border{ border-color:rgb(249, 98, 28) }
```

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

Here you see how a box with a 4 pixel rgb(249, 98, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 98, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 98, 28);  
box-shadow:4px 4px 4px 4px rgb(249, 98,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1690, 112.4660, 10.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 98, 28) }
```

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

```
.background{ background-color: rgb(249, 98,  
28) }
```

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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