

Converting Colors

YIQ(130.1870, 104.0280,
19.9960)

Have a look what the booklet for
YIQ(130.1870, 104.0280, 19.9960)
contains.

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Color

**YIQ(130.1870, 104.0280,
19.9960)**

Conversions

Conversions Part 1

Format	Color
Hex	F25931
RGB	242, 89, 49
RGB Percent	95%, 35%, 19%
CMY	0.0506, 0.6512, 0.8074
CMYK	0.00, 0.63, 0.80, 0.05
HSL	12°, 88%, 57%
HSV	12°, 80%, 95%
XYZ	40.7714, 26.2493, 5.8360
YIQ	130.1870, 104.0280, 19.9960

Conversions

Conversions Part 2

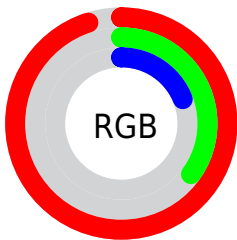
Format	Color
R _Y B	242, 99, 49
Decimal	15882545
CIE Lab	58.27, 56.95, 52.65
CIE LCh	58, 77.555, 42.755
Yxy	26.2493, 0.5596, 0.3603
Android (android.graphics.Color)	4294072625 (0xFFFF25931)
YUV	130.1870, -40.0252, 98.0600
Hunter-Lab	51.2341, 52.3884, 29.1102

Details

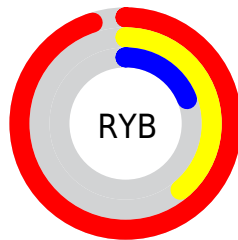
The YIQ color **130.1870, 104.0280, 19.9960** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **160.8130, -104.0280, -19.9960**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.5320, 80.6470, 8.7030**, and **69.0710, 98.6630, 23.6150** is the 20% darker color. If you saturate the color by 10%, you get **116.2980, 116.9570, 22.4690**, and if you desaturate by 10%, it is **144.0760, 91.0990, 17.5230**.

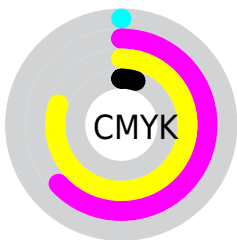
Distribution



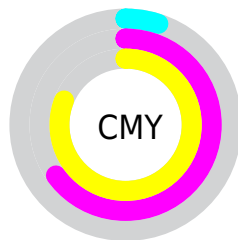
- Red (95%)
- Green (35%)
- Blue (19%)



- Red (95%)
- Yellow (39%)
- Blue (19%)



- Cyan (0%)
- Magenta (63%)
- Yellow (80%)
- Black (5%)





- Cyan (5%)
- Magenta (65%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.1870, 104.0280, 19.9960 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 130.1870, 104.0280, 19.9960 by changing the saturation by 10% instead.


 130.1870,
104.0280, 19.9960


 130.1870,
104.0280, 19.9960


255.0000, -0.0000,
-0.0000


 100.7460,
100.9560, 20.6040


 172.6460, 80.3260,
9.0140


 69.0710, 98.6630,
23.6150


 191.9320, 64.6010,
2.1450


 43.6540, 87.0160,
30.9520


 212.0330, 47.9590,
-4.6250

 34.3850, 68.5400,
24.3800

 232.1340, 31.3170,
-11.3950

 25.4150, 50.6600,
18.0200

 249.4140, 15.7290,
-15.2390

 17.2710, 33.3300,
12.7060

 252.6060, 6.7410,

 4.7840, 9.5360,

-6.5310

3.3920

■ 0.0000, 0.0000,
0.0000

■ 130.1870,
104.0280, 19.9960

■ 130.1870,
104.0280, 19.9960

■ 116.2980,
116.9570, 22.4690

■ 144.0760, 91.0990,
17.5230

■ 102.4090,
129.8860, 24.9420


■ 158.0790, 77.8490,
15.3610

■ 101.7080,
130.4820, 25.1540


■ 172.5550, 64.6450,
12.3650


■ 186.4440, 51.7160,
9.8920

■ 200.3330, 38.7870,
7.4190

 214.2220, 25.8580,
4.9460

 228.2250, 12.6080,
2.7840

 242.7010, -0.5960,
-0.2120

 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



123.8740, 99.1610, 58.6570



130.1870, 104.0280, 19.9960



131.7130, 86.2460, -21.1940

Triad

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



130.1870, 104.0280, 19.9960



109.6740, -77.3370, -57.6970



110.6630, -120.0800, 6.6080

Complementary

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



130.1870, 104.0280, 19.9960



160.8130, -104.0280, -19.9960

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.



122.4030, -125.5800, -3.8520



130.1870, 104.0280, 19.9960



118.9420, -100.6780, -36.6620

Square

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



130.1870, 104.0280, 19.9960



113.7270, -14.9350, -65.2630



125.0640, -120.6720, -15.7120



143.5050, -0.6980, 56.7260

Rectangle

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



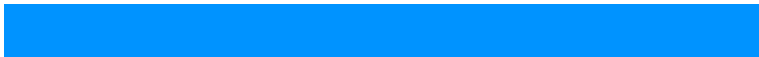
130.1870, 104.0280, 19.9960



130.3300, 58.9230, -38.1410



125.0640, -120.6720, -15.7120



115.3590, -122.2800, 2.4240

Sweetspot

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



130.1870, 104.0280, 19.9960



219.2830, 33.0560, 6.6560



124.2630, 65.5940, 88.8100



106.1720, 20.1270, 4.1830



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.



130.1870, 104.0280, 19.9960



113.1920, 131.9950, 25.2670



185.9520, 77.9030, -29.6890



112.7620, 6.6020, 1.4980



77.3220, 99.2140, 19.1340



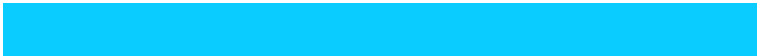
23.7880, 30.0760, 5.5960

Inverse Universe

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



160.8130, -104.0280, -19.9960



151.8080, -131.9950, -25.2670



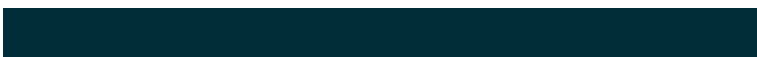
105.0480, -77.9030, 29.6890



114.6510, -6.3270, -0.9750



106.6780, -99.2140, -19.1340



32.7990, -30.3510, -6.1190

Previews

White Background



This preview shows how the YIQ color 130.1870, 104.0280, 19.9960 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 130.1870, 104.0280, 19.9960 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 130.1870, 104.0280, 19.9960

Background



This preview shows how black text looks on a background with the YIQ color 130.1870, 104.0280, 19.9960.



This preview shows how white text looks on a background with the YIQ color 130.1870, 104.0280, 19.9960.

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

130.1870, 104.0280, 19.9960

Protanopia

136.7070, 33.6570, -20.7670

Deuteranopia

135.0980, 57.3610, -20.8390



Tritanopia

132.1110, 93.1590, 35.2630

Trichromacy



Original Color

130.1870, 104.0280, 19.9960

Protanomaly

134.2530, 58.9630, -5.8130

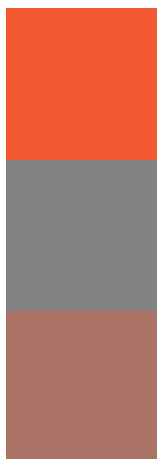
Deuteranomaly

133.4520, 74.4600, -5.8280

Tritanomaly

131.5750, 97.4240, 29.5520

Monochromacy



Original Color

130.1870, 104.0280, 19.9960

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.1480, 37.8700, 7.5180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1870, 104.0280, 19.9960 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(242, 89, 49)` looks like.

```
.text, #text, p{  
    color:rgb(242, 89, 49)  
}
```

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(242, 89, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 89, 49) }
```

Border

The CSS property to change the border of an element to YIQ 130.1870, 104.0280, 19.9960 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(242, 89, 49) }
```


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

```
.border{ border-color:rgb(242, 89, 49) }
```

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

Here you see how a box with a 4 pixel rgb(242, 89, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 89, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 89, 49);  
box-shadow:4px 4px 4px 4px rgb(242, 89,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1870, 104.0280, 19.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 89, 49) }
```

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

```
.background{ background-color: rgb(242, 89,  
49) }
```

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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