

Converting Colors

YIQ(128.5610, 100.0390,
20.7030)

Have a look what the booklet for
YIQ(128.5610, 100.0390, 20.7030)
contains.

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Color

**YIQ(128.5610, 100.0390,
20.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5835
RGB	237, 88, 53
RGB Percent	93%, 35%, 21%
CMY	0.0703, 0.6551, 0.7917
CMYK	0.00, 0.63, 0.78, 0.07
HSL	11°, 84%, 57%
HSV	11°, 78%, 93%
XYZ	39.0831, 25.2463, 6.1943
YIQ	128.5610, 100.0390, 20.7030

Conversions

Conversions Part 2

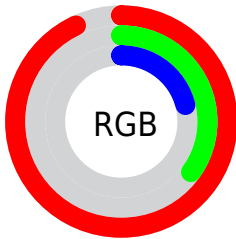
Format	Color
R_{YB}	237, 96, 53
Decimal	15554613
CIE Lab	57.31, 55.80, 49.48
CIE LCh	57, 74.579, 41.568
Yxy	25.2463, 0.5542, 0.3580
Android (android.graphics.Color)	4293744693 (0xFFED5835)
YUV	128.5610, -37.2516, 95.1010
Hunter-Lab	50.2457, 50.9142, 27.8627

Details

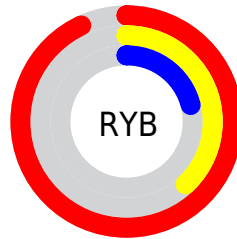
The YIQ color **128.5610, 100.0390, 20.7030** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **161.4390, -100.0390, -20.7030**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8140, 79.9130, 10.9930**, and **67.9180, 94.7200, 23.4880** is the 20% darker color. If you saturate the color by 10%, you get **114.6720, 112.9680, 23.1760**, and if you desaturate by 10%, it is **142.4500, 87.1100, 18.2300**.

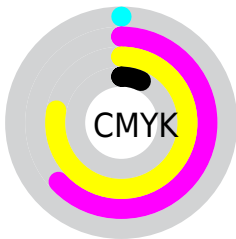
Distribution



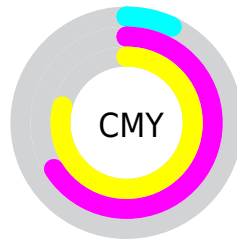
- Red (93%)
- Green (35%)
- Blue (21%)



- Red (93%)
- Yellow (38%)
- Blue (21%)



- Cyan (0%)
- Magenta (63%)
- Yellow (78%)
- Black (7%)





- Cyan (7%)
- Magenta (66%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.5610, 100.0390, 20.7030 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 128.5610, 100.0390, 20.7030 by changing the saturation by 10% instead.


 128.5610,
100.0390, 20.7030


 128.5610,
100.0390, 20.7030


255.0000, -0.0000,
-0.0000


 99.8210, 96.3710,
21.0990


 171.8140, 79.9130,
10.9930


 67.9180, 94.7200,
23.4880


 191.8010, 63.5920,
3.9120

 42.4580, 84.6320,
30.1040


 211.2010, 47.5460,
-2.6460

 33.1890, 66.1560,
23.5320

 231.4160, 30.5830,
-9.1050

 24.2190, 48.2760,
17.1720

 249.7560, 14.7660,
-14.3060

 16.0750, 30.9460,
11.8580

 253.0620, 5.4570,

 0.8970, 1.7880,

-5.2870

0.6360

■ 0.0000, 0.0000,
0.0000

■ 128.5610,
100.0390, 20.7030

■ 128.5610,
100.0390, 20.7030

■ 114.6720,
112.9680, 23.1760

■ 142.4500, 87.1100,
18.2300

■ 100.8970,
125.5760, 25.9600

■ 156.3390, 74.1810,
15.7570

■ 97.2780, 128.8770,
26.7090

■ 170.7010, 61.2980,
12.4500

■ 184.5900, 48.3690,
9.9770

■ 198.4790, 35.4400,
7.5040

■ 212.2540, 22.8320,
4.7200

■ 226.1430, 9.9030,
2.2470

■ 240.6190, -3.3010,
-0.7490

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



124.8520, 96.2270, 56.7630



128.5610, 100.0390, 20.7030



129.0550, 85.2830, -20.2610

Triad

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



128.5610, 100.0390, 20.7030



106.9840, -75.2740, -56.5380



109.4890, -119.5300, 7.6540

Complementary

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



128.5610, 100.0390, 20.7030



161.4390, -100.0390, -20.7030

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.



120.6420, -124.7550, -2.2830



128.5610, 100.0390, 20.7030



116.4970, -97.9270, -36.9590

Square

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



128.5610, 100.0390, 20.7030



114.1730, -10.2590, -61.8990



122.2770, -116.9580, -16.9420



140.5430, -3.8610, 53.4750

Rectangle

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



128.5610, 100.0390, 20.7030



128.5690, 59.7480, -36.5720



122.2770, -116.9580, -16.9420



114.1850, -121.7300, 3.4700

Sweetspot

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



128.5610, 100.0390, 20.7030



220.0980, 32.1390, 6.7550



125.1160, 61.5140, 85.6580



106.8730, 19.5310, 3.9710



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.



128.5610, 100.0390, 20.7030



115.2780, 128.8770, 26.7090



181.9780, 75.0140, -26.8900



110.4630, 6.0060, 1.2860



74.0770, 98.5260, 20.5900



22.0160, 29.4340, 6.2180

Inverse Universe

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



161.4390, -100.0390, -20.7030



157.7220, -128.8770, -26.7090



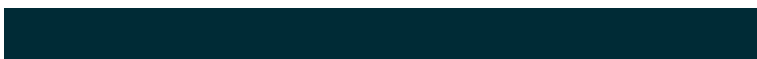
108.0220, -75.0140, 26.8900



112.5370, -6.0060, -1.2860



106.9230, -98.5260, -20.5900



31.3970, -29.1590, -5.6950

Previews

White Background



This preview shows how the YIQ color 128.5610, 100.0390, 20.7030 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 128.5610, 100.0390, 20.7030 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 128.5610, 100.0390, 20.7030

Background



This preview shows how black text looks on a background with the YIQ color 128.5610, 100.0390, 20.7030.



This preview shows how white text looks on a background with the YIQ color 128.5610, 100.0390,

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

128.5610, 100.0390, 20.7030

Protanopia

134.5050, 31.4100, -18.5900

Deuteranopia

133.4120, 53.6010, -18.7750



Tritanopia

130.6160, 90.1790, 34.2030

Trichromacy



Original Color

128.5610, 100.0390, 20.7030

Protanomaly

132.6380, 56.4410, -4.1590

Deuteranomaly

131.3530, 70.4250, -4.2870

Tritanomaly

129.7210, 94.0770, 29.6370

Monochromacy



Original Color

128.5610, 100.0390, 20.7030

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6640, 36.3570, 7.4050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.5610, 100.0390, 20.7030 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(237, 88, 53)` looks like.

```
.text, #text, p{  
    color:rgb(237, 88, 53)  
}
```

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(237, 88, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 88, 53) }
```

Border

The CSS property to change the border of an element to YIQ 128.5610, 100.0390, 20.7030 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(237, 88, 53) }
```


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

```
.border{ border-color:rgb(237, 88, 53) }
```

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

Here you see how a box with a 4 pixel rgb(237, 88, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 88, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 88, 53);  
box-shadow:4px 4px 4px 4px rgb(237, 88,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 128.5610, 100.0390, 20.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 88, 53) }
```

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

```
.background{ background-color: rgb(237, 88,  
53) }
```

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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