

Converting Colors

YIQ(136.6820, 107.0080,
21.0560)

Have a look what the booklet for
YIQ(136.6820, 107.0080, 21.0560)
contains.

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Color

**YIQ(136.6820, 107.0080,
21.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	FC5E36
RGB	252, 94, 54
RGB Percent	99%, 37%, 21%
CMY	0.0114, 0.6316, 0.7878
CMYK	0.00, 0.63, 0.79, 0.01
HSL	12°, 97%, 60%
HSV	12°, 79%, 99%
XYZ	44.8427, 28.9732, 6.7333
YIQ	136.6820, 107.0080, 21.0560

Conversions

Conversions Part 2

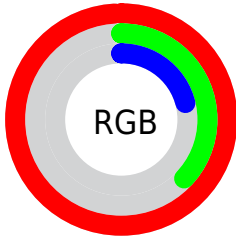
Format	Color
R _Y B	252, 104, 54
Decimal	16539190
CIE Lab	60.76, 58.39, 53.25
CIE LCh	61, 79.026, 42.365
Yxy	28.9732, 0.5567, 0.3597
Android (android.graphics.Color)	4294729270 (0xFFFC5E36)
YUV	136.6820, -40.7622, 101.1339
Hunter-Lab	53.8267, 54.5103, 30.2620

Details

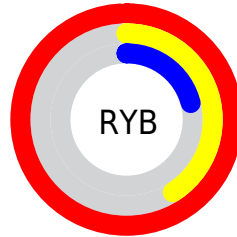
The YIQ color **136.6820, 107.0080, 21.0560** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **169.3180, -107.0080, -21.0560**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1510, 77.3460, 7.9540**, and **75.5120, 101.7350, 23.0070** is the 20% darker color. If you saturate the color by 10%, you get **122.0920, 120.5330, 23.7410**, and if you desaturate by 10%, it is **151.2720, 93.4830, 18.3710**.

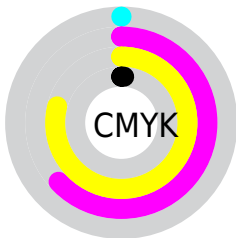
Distribution



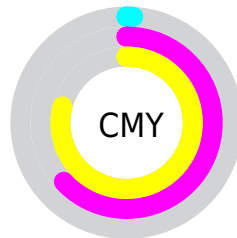
- Red (99%)
- Green (37%)
- Blue (21%)



- Red (99%)
- Yellow (41%)
- Blue (21%)



- Cyan (0%)
- Magenta (63%)
- Yellow (79%)
- Black (1%)




- Cyan (1%)
- Magenta (63%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.6820, 107.0080, 21.0560 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 136.6820, 107.0080, 21.0560 by changing the saturation by 10% instead.


 136.6820,
107.0080, 21.0560


 136.6820,
107.0080, 21.0560


255.0000, -0.0000,
-0.0000


 107.3550,
103.6150, 21.9750


 176.1510, 77.3460,
7.9540

 75.5120, 101.7350,
23.0070


 195.5510, 61.3000,
1.3960


 46.6440, 92.9760,
33.0720

 215.5380, 44.9790,
-5.6850

 37.0760, 73.9040,
26.2880

 236.3400, 27.7410,
-12.6670

 27.8070, 55.4280,
19.7160

 250.0980, 13.8030,
-13.3730

 19.7770, 37.7770,
14.7130

 253.2900, 4.8150,

 9.6820, 18.7510,

-4.6650

7.0950

■ 0.0000, 0.0000,
0.0000

■ 136.6820,
107.0080, 21.0560

■ 136.6820,
107.0080, 21.0560

■ 122.0920,
120.5330, 23.7410

■ 151.2720, 93.4830,
18.3710

■ 107.5020,
134.0580, 26.4260

■ 165.9760, 79.6370,
15.9970

■ 105.2850,
136.1670, 26.7510

■ 180.5660, 66.1120,
13.3120

■ 195.1560, 52.5870,
10.6270

■ 210.3330, 38.7870,
7.4190

■ 224.9230, 25.2620,
4.7340

■ 239.6270, 11.4160,
2.3600

■ 254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



127.6070, 95.5390, 58.2190



136.6820, 107.0080, 21.0560



137.9260, 89.9600, -22.4240

Triad

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



136.6820, 107.0080, 21.0560



114.2390, -80.5460, -60.1140



114.7720, -122.0050, 2.9470

Complementary

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



136.6820, 107.0080, 21.0560



169.3180, -107.0080, -21.0560

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.



126.5120, -127.5050, -7.5130



136.6820, 107.0080, 21.0560



123.8490, -104.8500, -38.1460

Square

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



136.6820, 107.0080, 21.0560



120.2710, -13.6510, -66.5070



130.0850, -125.1650, -16.8850



149.9610, -1.9820, 57.9700

Rectangle

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



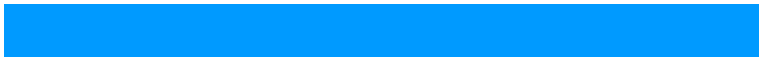
136.6820, 107.0080, 21.0560



137.1300, 62.3620, -39.8940



130.0850, -125.1650, -16.8850



119.4680, -124.2050, -1.2370

Sweetspot

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



136.6820, 107.0080, 21.0560



219.2830, 33.0560, 6.6560



131.2140, 67.2900, 91.1140



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.



136.6820, 107.0080, 21.0560



115.5230, 129.5650, 25.2530



194.7950, 79.7830, -30.7210



117.6480, 6.9230, 1.1870



78.8170, 102.1940, 20.1940



25.2830, 33.0560, 6.6560

Inverse Universe

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



169.3180, -107.0080, -21.0560



155.0640, -129.8400, -25.7760



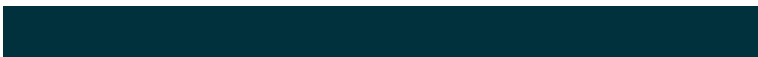
111.7920, -80.0580, 30.1980



119.3520, -6.9230, -1.1870



110.1830, -102.1940, -20.1940



35.7170, -33.0560, -6.6560

Previews

White Background



This preview shows how the YIQ color 136.6820, 107.0080, 21.0560 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 136.6820, 107.0080, 21.0560 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 136.6820, 107.0080, 21.0560

Background



This preview shows how black text looks on a background with the YIQ color 136.6820, 107.0080, 21.0560.



This preview shows how white text looks on a background with the YIQ color 136.6820, 107.0080, 21.0560.

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

136.6820, 107.0080, 21.0560

Protanopia

142.8920, 34.5740, -20.8660

Deuteranopia

141.2830, 58.2780, -20.9380



Tritanopia

138.9050, 96.7350, 36.5350

Trichromacy



Original Color

136.6820, 107.0080, 21.0560

Protanomaly

140.7370, 60.4760, -5.7000

Deuteranomaly

139.9360, 75.9730, -5.7150

Tritanomaly

138.0700, 100.4040, 30.6120

Monochromacy



Original Color

136.6820, 107.0080, 21.0560

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.7460, 39.0620, 7.9420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6820, 107.0080, 21.0560 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(252, 94, 54)` looks like.

```
.text, #text, p{  
    color:rgb(252, 94, 54)  
}
```

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(252, 94, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 94, 54) }
```

Border

The CSS property to change the border of an element to YIQ 136.6820, 107.0080, 21.0560 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(252, 94, 54) }
```


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

```
.border{ border-color:rgb(252, 94, 54) }
```

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

Here you see how a box with a 4 pixel rgb(252, 94, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 94, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 94, 54);  
box-shadow:4px 4px 4px 4px rgb(252, 94,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6820, 107.0080, 21.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 94, 54) }
```

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

```
.background{ background-color: rgb(252, 94,  
54) }
```

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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