

Converting Colors

YIQ(126.5250, 108.8880,
20.0240)

Have a look what the booklet for
YIQ(126.5250, 108.8880, 20.0240)
contains.

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Color

**YIQ(126.5250, 108.8880,
20.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	F35428
RGB	243, 84, 40
RGB Percent	95%, 33%, 16%
CMY	0.0467, 0.6708, 0.8427
CMYK	0.00, 0.65, 0.83, 0.05
HSL	13°, 89%, 56%
HSV	13°, 83%, 95%
XYZ	40.5432, 25.5549, 4.8138
YIQ	126.5250, 108.8880, 20.0240

Conversions

Conversions Part 2

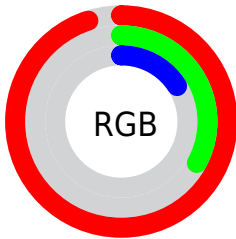
Format	Color
R_{YB}	243, 96, 40
Decimal	15946792
CIE _{Lab}	57.61, 59.09, 56.20
CIE _{LCh}	58, 81.546, 43.563
Yxy	25.5549, 0.5717, 0.3604
Android (android.graphics.Color)	4294136872 (0xFFFF35428)
YUV	126.5250, -42.6568, 102.1486
Hunter-Lab	50.5518, 54.6935, 29.7404

Details

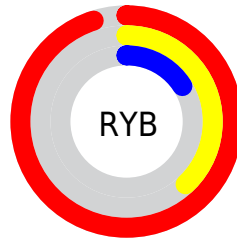
The YIQ color **126.5250, 108.8880, 20.0240** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **156.4750, -108.8880, -20.0240**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **168.6850, 84.5900, 8.8300**, and **63.2010, 101.4130, 28.8450** is the 20% darker color. If you saturate the color by 10%, you get **112.6360, 121.8170, 22.4970**, and if you desaturate by 10%, it is **140.4140, 95.9590, 17.5510**.

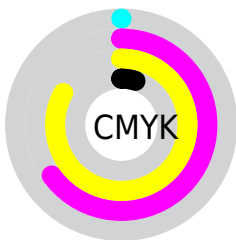
Distribution



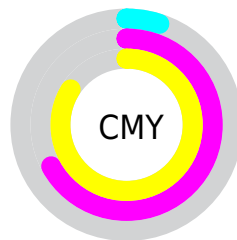
- Red (95%)
- Green (33%)
- Blue (16%)



- Red (95%)
- Yellow (38%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (83%)
- Black (5%)





- Cyan (5%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.5250, 108.8880, 20.0240 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 126.5250, 108.8880, 20.0240 by changing the saturation by 10% instead.


 126.5250,
108.8880, 20.0240


 126.5250,
108.8880, 20.0240


255.0000, -0.0000,
-0.0000


 96.2690, 106.7330,
20.5330


 168.6850, 84.5900,
8.8300


 63.2010, 101.4130,
28.8450


 188.6720, 68.2690,
1.7490


 43.9530, 87.6120,
31.1640


 208.0720, 52.2230,
-4.8090

 34.3850, 68.5400,
24.3800

 228.1730, 35.5810,
-11.5790

 25.1160, 50.0640,
17.8080

 248.3880, 18.6180,
-18.0380

 17.2710, 33.3300,
12.7060

 251.5800, 9.6300,

 4.1860, 8.3440,

-9.3300

2.9680

254.8860, 0.3210,
-0.3110

■ 0.0000, 0.0000,
0.0000

■ 126.5250,
108.8880, 20.0240

■ 126.5250,
108.8880, 20.0240

■ 112.6360,
121.8170, 22.4970

■ 140.4140, 95.9590,
17.5510


■ 103.1810,
130.5280, 24.3200


■ 154.4170, 82.7090,
15.3890


■ 168.3060, 69.7800,
12.9160


■ 182.1950, 56.8510,
10.4430

■ 196.1980, 43.6010,
8.2810

 210.0870, 30.6720,
5.8080

 223.9760, 17.7430,
3.3350

 237.9790, 4.4930,
1.1730

 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



115.7870, 104.0200, 64.2120



126.5250, 108.8880, 20.0240



130.5280, 85.3290, -21.0950

Triad

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



126.5250, 108.8880, 20.0240



108.8590, -76.4200, -57.7960



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.



126.5250, 108.8880, 20.0240



156.4750, -108.8880, -20.0240

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.



121.8160, -125.3050, -3.3290



126.5250, 108.8880, 20.0240



118.5830, -101.0450, -35.5170

Square

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



126.5250, 108.8880, 20.0240



106.8910, -18.6930, -74.2530



124.9330, -121.6810, -13.9450



141.3960, 1.2270, 60.3870

Rectangle

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



126.5250, 108.8880, 20.0240



128.8460, 57.4100, -38.2540



124.9330, -121.6810, -13.9450



114.1850, -121.7300, 3.4700

Sweetspot

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



126.5250, 108.8880, 20.0240



218.3540, 34.2940, 6.2460



119.1650, 68.9860, 93.4180



105.9440, 20.7690, 3.5610



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.



126.5250, 108.8880, 20.0240



108.5300, 136.8550, 25.2950



184.0510, 81.9380, -31.2300



115.3490, 6.3270, 0.9750



79.0940, 99.8560, 18.5120



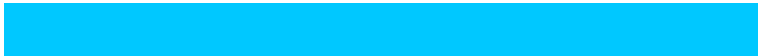
25.2720, 31.5890, 5.7090

Inverse Universe

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



156.4750, -108.8880, -20.0240



146.4700, -136.8550, -25.2950



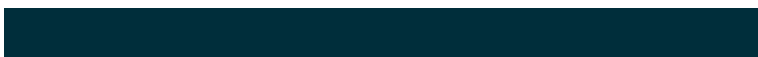
98.9490, -81.9380, 31.2300



117.2380, -6.6020, -1.4980



106.9060, -99.8560, -18.5120



33.7280, -31.5890, -5.7090

Previews

White Background



This preview shows how the YIQ color 126.5250, 108.8880, 20.0240 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 126.5250, 108.8880, 20.0240 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 126.5250, 108.8880, 20.0240

Background



This preview shows how black text looks on a background with the YIQ color 126.5250, 108.8880, 20.0240.



This preview shows how white text looks on a background with the YIQ color 126.5250, 108.8880,

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

126.5250, 108.8880, 20.0240

Protanopia

134.0940, 36.8210, -23.0430

Deuteranopia

132.2030, 61.2590, -25.4050



Tritanopia

128.7910, 97.0560, 36.2240

Trichromacy



Original Color

126.5250, 108.8880, 20.0240

Protanomaly

131.3520, 62.9980, -7.3540

Deuteranomaly

130.4970, 78.5870, -9.0370

Tritanomaly

128.1410, 101.6420, 30.2020

Monochromacy



Original Color

126.5250, 108.8880, 20.0240

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.5180, 39.7040, 7.3200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.5250, 108.8880, 20.0240 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(243, 84, 40)` looks like.

```
.text, #text, p{  
    color:rgb(243, 84, 40)  
}
```

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(243, 84, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 84, 40) }
```

Border

The CSS property to change the border of an element to YIQ 126.5250, 108.8880, 20.0240 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(243, 84, 40) }
```


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

```
.border{ border-color:rgb(243, 84, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 84, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 84, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 84, 40);  
box-shadow:4px 4px 4px 4px rgb(243, 84,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 126.5250, 108.8880, 20.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 84, 40) }
```

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

```
.background{ background-color: rgb(243, 84,  
40) }
```

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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