

Converting Colors

YIQ(127.7950, 108.4280,
28.3640)

Have a look what the booklet for
YIQ(127.7950, 108.4280, 28.3640)
contains.

YIQ(127.7950, 108.4280, 28.3640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(127.7950, 108.4280,
28.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	F95038
RGB	249, 80, 56
RGB Percent	98%, 31%, 22%
CMY	0.0231, 0.6865, 0.7799
CMYK	0.00, 0.68, 0.77, 0.02
HSL	7°, 94%, 60%
HSV	7°, 77%, 98%
XYZ	42.6822, 26.1714, 6.5581
YIQ	127.7950, 108.4280, 28.3640

Conversions

Conversions Part 2

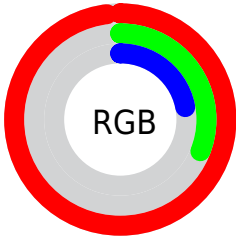
Format	Color
R_{YB}	249, 83, 56
Decimal	16339000
CIE _{Lab}	58.20, 63.06, 49.53
CIE _{LCh}	58, 80.191, 38.147
Yxy	26.1714, 0.5660, 0.3470
Android (android.graphics.Color)	4294529080 (0xFFFF95038)
YUV	127.7950, -35.3949, 106.2968
Hunter-Lab	51.1580, 59.3997, 28.2101

Details

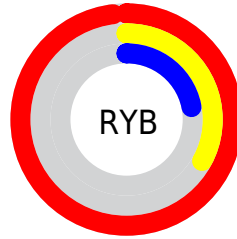
The YIQ color **127.7950, 108.4280, 28.3640** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **177.2050, -108.4280, -28.3640**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **169.2210, 80.3250, 14.5410**, and **55.9280, 107.0960, 41.4960** is the 20% darker color. If you saturate the color by 10%, you get **112.0310, 122.5030, 32.0950**, and if you desaturate by 10%, it is **143.5590, 94.3530, 24.6330**.

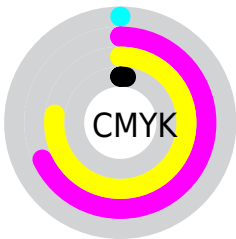
Distribution



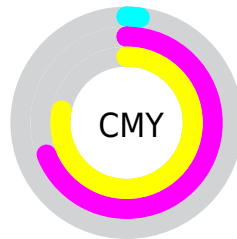
- Red (98%)
- Green (31%)
- Blue (22%)



- Red (98%)
- Yellow (33%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.7950, 108.4280, 28.3640 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 127.7950, 108.4280, 28.3640 by changing the saturation by 10% instead.


 127.7950,
108.4280, 28.3640


 127.7950,
108.4280, 28.3640


255.0000, -0.0000,
-0.0000


 97.4080, 105.2640,
30.6400


 169.2210, 80.3250,
14.5410


 55.9280, 107.0960,
41.4960


 188.6210, 64.2790,
7.9830


 45.7470, 91.1880,
32.4360


 208.6080, 47.9580,
0.9020

 36.1790, 72.1160,
25.6520

 228.7090, 31.3160,
-5.8680

 26.9100, 53.6400,
19.0800

 249.5110, 14.0780,
-12.8500

 18.5810, 35.3930,
13.8650

 253.4040, 4.4940,

 7.5890, 14.5790,

-4.3540

5.6110

■ 0.0000, 0.0000,
0.0000

■ 127.7950,
108.4280, 28.3640

■ 127.7950,
108.4280, 28.3640

■ 112.0310,
122.5030, 32.0950

■ 143.5590, 94.3530,
24.6330

■ 96.2670, 136.5780,
35.8260

■ 159.3230, 80.2780,
20.9020

■ 92.6480, 139.8790,
36.5750

■ 174.5000, 66.4780,
17.6940

■ 190.2640, 52.4030,
13.9630

■ 206.0280, 38.3280,
10.2320

221.7920, 24.2530,
6.5010

237.4420, 10.4990,
2.4590

253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



119.1440, 98.7010, 66.9970



127.7950, 108.4280, 28.3640



131.1700, 92.3890, -16.8830

Triad

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



127.7950, 108.4280, 28.3640



107.6050, -72.8890, -61.2170



113.0110, -121.1800, 4.5160

Complementary

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



127.7950, 108.4280, 28.3640



177.2050, -108.4280, -28.3640

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.



123.5770, -126.1300, -4.8980



127.7950, 108.4280, 28.3640



117.8020, -97.4680, -39.7720

Square

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



127.7950, 108.4280, 28.3640



115.1600, -0.2170, -67.6810



124.9670, -119.0210, -18.1010



142.6220, -14.2690, 54.8750

Rectangle

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



127.7950, 108.4280, 28.3640



131.5590, 65.7080, -34.4520



124.9670, -119.0210, -18.1010



117.1200, -123.1050, 0.8550

Sweetspot

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



127.7950, 108.4280, 28.3640



218.3370, 32.9640, 8.3240



133.2010, 60.1370, 94.0970



105.1120, 20.3560, 5.5400



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.



127.7950, 108.4280, 28.3640



105.8860, 133.2770, 35.0770



183.5600, 82.3030, -21.3210



117.0610, 7.1980, 1.7100



70.0120, 106.3190, 28.0390



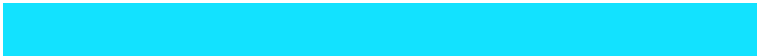
22.9350, 34.1560, 8.7480

Inverse Universe

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



177.2050, -108.4280, -28.3640



167.1140, -133.2770, -35.0770



121.4400, -82.3030, 21.3210



119.9390, -7.1980, -1.7100



118.4010, -106.0440, -27.5160



38.6520, -34.4310, -9.2710

Previews

White Background



This preview shows how the YIQ color 127.7950, 108.4280, 28.3640 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 127.7950, 108.4280, 28.3640 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 127.7950, 108.4280, 28.3640

Background



This preview shows how black text looks on a background with the YIQ color 127.7950, 108.4280, 28.3640.



This preview shows how white text looks on a background with the YIQ color 127.7950, 108.4280, 28.3640.

28.3640.

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

127.7950, 108.4280, 28.3640

Protanopia

136.9610, 30.1260, -17.3460

Deuteranopia

135.5970, 54.5180, -18.8740



Tritanopia

129.1830, 101.8240, 37.9200

Trichromacy



Original Color

127.7950, 108.4280, 28.3640

Protanomaly

133.4150, 58.6870, -0.8090

Deuteranomaly

133.0870, 74.2300, -1.6580

Tritanomaly

128.7440, 104.4380, 34.5980

Monochromacy



Original Color

127.7950, 108.4280, 28.3640

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.2130, 39.2450, 10.1330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7950, 108.4280, 28.3640 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, 80, 56)` looks like.

```
.text, #text, p{  
    color:rgb(249, 80, 56)  
}
```

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, 80, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 80, 56) }
```

Border

The CSS property to change the border of an element to YIQ 127.7950, 108.4280, 28.3640 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, 80, 56) }
```


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

```
.border{ border-color:rgb(249, 80, 56) }
```

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

Here you see how a box with a 4 pixel rgb(249, 80, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 80, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 80, 56);  
box-shadow:4px 4px 4px 4px rgb(249, 80,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 127.7950, 108.4280, 28.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 80, 56) }
```

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

```
.background{ background-color: rgb(249, 80,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor