

Converting Colors

YIQ(115.1840, 27.8800,
-20.6960)

Have a look what the booklet for
YIQ(115.1840, 27.8800, -20.6960)
contains.

YIQ(115.1840, 27.8800, -20.6960)	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(115.1840, 27.8800,
-20.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	817931
RGB	129, 121, 49
RGB Percent	51%, 47%, 19%
CMY	0.4941, 0.5255, 0.8077
CMYK	0.00, 0.06, 0.62, 0.49
HSL	54°, 45%, 35%
HSV	54°, 62%, 51%
XYZ	16.4445, 18.5626, 5.6267
YIQ	115.1840, 27.8800, -20.6960

Conversions

Conversions Part 2

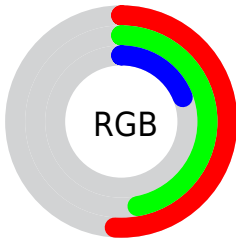
Format	Color
RYB	58, 129, 49
Decimal	8485169
CIELab	50.17, -6.61, 39.59
CIELCh	50, 40.142, 99.480
Yxy	18.5626, 0.4047, 0.4568
Android (android.graphics.Color)	4286675249 (0xFF817931)
YUV	115.1840, -32.6287, 12.1166
Hunter-Lab	43.0843, -7.2675, 22.4160

Details

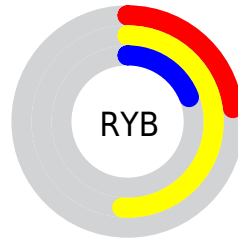
The YIQ color **115.1840, 27.8800, -20.6960** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **62.8160, -27.8800, 20.6960**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7390, 30.6310, -20.9930**, and **65.8740, 25.8170, -21.8550** is the 20% darker color. If you saturate the color by 10%, you get **113.1150, 32.3280, -24.2160**, and if you desaturate by 10%, it is **117.2530, 23.4320, -17.1760**.

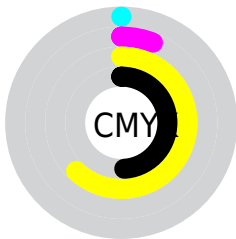
Distribution



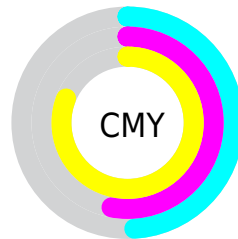
- Red (51%)
- Green (47%)
- Blue (19%)



- Red (23%)
- Yellow (51%)
- Blue (19%)



- Cyan (0%)
- Magenta (6%)
- Yellow (62%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.1840, 27.8800, -20.6960 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 115.1840, 27.8800, -20.6960 by changing the saturation by 10% instead.

■ 115.1840, 27.8800,
-20.6960

■ 115.1840, 27.8800,
-20.6960

■ 255.0000, -0.0000,
-0.0000

■ 89.8850, 27.2840,
-20.9080

■ 167.7390, 30.6310,
-20.9930

■ 65.8740, 25.8170,
-21.8550

■ 194.9240, 31.5480,
-21.0920

■ 45.1970, 17.8380,
-14.9140

■ 222.9950, 32.7860,
-21.5020

■ 25.9820, 8.4380,
-9.7540

■ 246.2220, 24.7170,
-23.9470

■ 0.5870, -0.2750,
-0.5230

■ 249.3000, 16.0500,
-15.5500

■ 0.0000, 0.0000,
0.0000

■ 252.6060, 6.7410,

-6.5310

■ 115.1840, 27.8800,
-20.6960

■ 115.1840, 27.8800,
-20.6960

■ 113.1150, 32.3280,
-24.2160

■ 117.2530, 23.4320,
-17.1760

■ 110.4590, 37.0510,
-27.2130

■ 119.9090, 18.7090,
-14.1790

■ 108.3900, 41.4990,
-30.7330

■ 121.9780, 14.2610,
-10.6590

■ 106.6630, 44.9840,
-33.3200

■ 124.0470, 9.8130,
-7.1390

■ 126.1160, 5.3650,
-3.6190

■ 128.6580, 0.9630,
-0.9330

■ 130.7270, -3.4850,
2.5870

■ 132.7960, -7.9330,
6.1070

■ 135.4520,
-12.6560, 9.1040

Harmonies

Analogous

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



117.7940, 47.1340, -6.1940



115.1840, 27.8800, -20.6960



111.2280, -1.7830, -28.2710

Triad

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



115.1840, 27.8800, -20.6960



97.7130, -89.1270, -20.2230



122.4240, 29.2460, 31.6620

Complementary

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



115.1840, 27.8800, -20.6960



62.8160, -27.8800, 20.6960

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.



122.4940, -3.3060, 26.8860



115.1840, 27.8800, -20.6960



96.5850, -94.2180, -10.5540

Square

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



115.1840, 27.8800, -20.6960



95.2390, -79.4050, -31.2210



115.0910, -45.0720, 12.8800



120.0870, 49.0080, 25.9360

Rectangle

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



115.1840, 27.8800, -20.6960



106.3590, -27.1370, -31.3370



115.0910, -45.0720, 12.8800



123.3350, 19.2510, 31.0830

Sweetspot

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



115.1840, 27.8800, -20.6960



162.5910, 11.0970, -8.3830



73.8320, 45.1120, 19.4480



80.6600, 6.6490, -4.8630



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.1840, 27.8800, -20.6960



146.8200, 43.1040, -32.2880



110.3120, 6.6080, -31.6640



62.6150, 2.5220, -1.6540



105.7770, 44.6630, -33.0090



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.8160, -27.8800, 20.6960



65.1800, -43.1040, 32.2880



67.6880, -6.6080, 31.6640



58.3850, -2.5220, 1.6540



22.2230, -44.6630, 33.0090



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 115.1840, 27.8800, -20.6960 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 115.1840, 27.8800, -20.6960 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 115.1840, 27.8800, -20.6960

Background



This preview shows how black text looks on a background with the YIQ color 115.1840, 27.8800, -20.6960.



This preview shows how white text looks on a background with the YIQ color 115.1840, 27.8800,

-20.6960.

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

115.1840, 27.8800, -20.6960

Protanopia

115.7930, 30.5390, -19.3250

Deuteranopia

116.9840, 40.4870, -12.3850



Tritanopia

120.9030, 10.8190, 7.6750

Trichromacy



Original Color

115.1840, 27.8800, -20.6960

Protanomaly

115.4940, 29.9430, -19.5370

Deuteranomaly

116.5380, 35.8110, -15.7490

Tritanomaly

118.6890, 16.8730, -2.9270

Monochromacy



Original Color

115.1840, 27.8800, -20.6960

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9330, 10.1340, -7.4500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1840, 27.8800, -20.6960 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(129, 121, 49)` looks like.

```
.text, #text, p{  
    color:rgb(129, 121, 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(129, 121, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 121, 49) }
```

Border

The CSS property to change the border of an element to YIQ 115.1840, 27.8800, -20.6960 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(129, 121, 49) }
```


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

```
.border{ border-color:rgb(129, 121, 49) }
```

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

Here you see how a box with a 4 pixel rgb(129, 121, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 121, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 121, 49);  
box-shadow:4px 4px 4px 4px rgb(129, 121,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 115.1840, 27.8800, -20.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 121, 49) }
```

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

```
.background{ background-color: rgb(129,  
121, 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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