

Converting Colors

YIQ(113.6800, 2.7560, -27.9320)

Have a look what the booklet for
YIQ(113.6800, 2.7560, -27.9320)
contains.

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Color

**YIQ(113.6800, 2.7560,
-27.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	63833F
RGB	99, 131, 63
RGB Percent	39%, 51%, 25%
CMY	0.6119, 0.4862, 0.7529
CMYK	0.24, 0.00, 0.52, 0.49
HSL	88°, 35%, 38%
HSV	88°, 52%, 51%
XYZ	14.1580, 19.2462, 7.6737
YIQ	113.6800, 2.7560, -27.9320

Conversions

Conversions Part 2

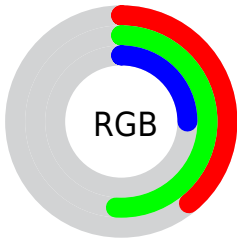
Format	Color
RYB	63, 131, 95
Decimal	6521663
CIELab	50.97, -23.63, 32.86
CIElCh	51, 40.476, 125.723
Yxy	19.2462, 0.3447, 0.4685
Android (android.graphics.Color)	4284711743 (0xFF63833F)
YUV	113.6800, -24.9852, -12.8744
Hunter-Lab	43.8705, -19.1672, 20.3385

Details

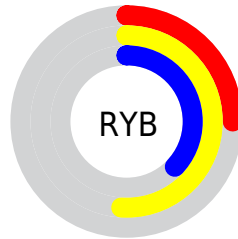
The YIQ color $113.6800, 2.7560, -27.9320$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $80.3200, -2.7560, 27.9320$, and the grayscale version is $114.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $165.9250, 3.4440, -29.3880$, and $64.2070, 2.7100, -27.0980$ is the 20% darker color. If you saturate the color by 10%, you get $110.4040, 3.3530, -33.2470$, and if you desaturate by 10%, it is $116.9560, 2.1590, -22.6170$.

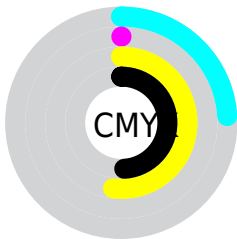
Distribution



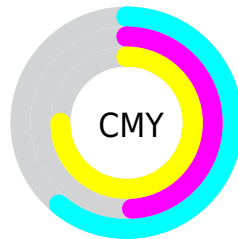
- Red (39%)
- Green (51%)
- Blue (25%)



- Red (25%)
- Yellow (51%)
- Blue (37%)



- Cyan (24%)
- Magenta (0%)
- Yellow (52%)
- Black (49%)



- Cyan (61%)
- Magenta (49%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.6800, 2.7560, -27.9320 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 113.6800, 2.7560, -27.9320 by changing the saturation by 10% instead.

■ 113.6800, 2.7560,
-27.9320

■ 113.6800, 2.7560,
-27.9320

■ 255.0000, -0.0000,
-0.0000

■ 88.7940, 2.4350,
-27.6210

■ 165.9250, 3.4440,
-29.3880

■ 64.2070, 2.7100,
-27.0980

■ 193.6970, 4.0860,
-30.0100

■ 42.1190, 0.1420,
-24.6100

■ 221.5830, 4.4070,
-30.3210

■ 21.1320, -9.9000,
-18.8280

■ 241.8380, 8.3030,
-23.8330

■ 4.1090, -1.9250,
-3.6610

■ 251.1240, 10.9140,
-10.5740

■ 0.0000, 0.0000,
0.0000

■ 254.3160, 1.9260,

-1.8660

■ 113.6800, 2.7560,
-27.9320

■ 113.6800, 2.7560,
-27.9320

■ 110.4040, 3.3530,
-33.2470

■ 116.9560, 2.1590,
-22.6170

■ 107.1280, 3.9500,
-38.5620

■ 120.2320, 1.5620,
-17.3020

■ 103.5530, 3.9510,
-44.0890

■ 123.5080, 0.9650,
-11.9870

■ 100.2770, 4.5480,
-49.4040

■ 127.0830, 0.9640,
-6.4600

■ 97.5280, 5.0990,
-53.8850

■ 130.4730, 0.0460,
-0.8340

■ 133.7490, -0.5510,
4.4810

■ 137.0250, -1.1480,
9.7960

■ 140.3010, -1.7450,
15.1110

■ 143.8760, -1.7460,
20.6380

Harmonies

Analogous

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



117.6790, 30.8600, -19.6360



113.6800, 2.7560, -27.9320



105.8570, -37.4070, -32.4390

Triad

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



113.6800, 2.7560, -27.9320



99.0470, -95.6390, -12.3350



122.5430, 47.7240, 27.1800

Complementary

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



113.6800, 2.7560, -27.9320



80.3200, -2.7560, 27.9320

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.



124.5700, 25.8990, 31.7470



113.6800, 2.7560, -27.9320



115.6880, -51.3070, 10.2370

Square

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



113.6800, 2.7560, -27.9320



99.3600, -89.6310, -22.1030



124.6290, -8.1200, 26.0240



121.1180, 55.7500, 13.8780

Rectangle

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



113.6800, 2.7560, -27.9320



94.7030, -75.1400, -36.9320



124.6290, -8.1200, 26.0240



123.0140, 42.0840, 30.2760

Sweetspot

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



113.6800, 2.7560, -27.9320



164.0350, 0.9190, -11.1530



102.1160, 31.7280, -2.3200



82.6700, 0.6890, -6.9830



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



113.6800, 2.7560, -27.9320



143.9660, 4.2260, -43.5660



103.5140, -17.5080, -35.1400



64.4190, 0.1380, -2.5020



96.9410, 5.3740, -53.3620



2.0600, -0.2290, -1.3570

Inverse Universe

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



80.3200, -2.7560, 27.9320



92.0340, -4.2260, 43.5660



90.4860, 17.5080, 35.1400



61.5810, -0.1380, 2.5020



33.0590, -5.3740, 53.3620



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 113.6800, 2.7560, -27.9320 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 113.6800, 2.7560, -27.9320 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 113.6800, 2.7560, -27.9320

Background



This preview shows how black text looks on a background with the YIQ color 113.6800, 2.7560, -27.9320.



This preview shows how white text looks on a background with the YIQ color 113.6800, 2.7560,

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

113.6800, 2.7560, -27.9320

Protanopia

117.9330, 27.3290, -16.2150

Deuteranopia

119.3950, 35.0760, -7.9320



Tritanopia

119.9540, -11.5540, 0.1420

Trichromacy



Original Color

113.6800, 2.7560, -27.9320

Protanomaly

116.5080, 18.1600, -20.7520

Deuteranomaly

117.4210, 23.0190, -15.1970

Tritanomaly

117.6690, -6.7380, -10.0500

Monochromacy



Original Color

113.6800, 2.7560, -27.9320

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8610, 1.4690, -10.1070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.6800, 2.7560, -27.9320 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(99, 131, 63)` looks like.

```
.text, #text, p{  
    color:rgb(99, 131, 63)  
}
```

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(99, 131, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 131, 63) }
```

Border

The CSS property to change the border of an element to YIQ 113.6800, 2.7560, -27.9320 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(99, 131, 63) }
```


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

```
.border{ border-color:rgb(99, 131, 63) }
```

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

Here you see how a box with a 4 pixel rgb(99, 131, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 131, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 131, 63);  
box-shadow:4px 4px 4px 4px rgb(99, 131,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 113.6800, 2.7560, -27.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 131, 63) }
```

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

```
.background{ background-color: rgb(99, 131,  
63) }
```

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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