

Converting Colors

YIQ(117.1940, -3.3020, 4.7780)

Have a look what the booklet for
YIQ(117.1940, -3.3020, 4.7780)
contains.

YIQ(117.1940, -3.3020, 4.7780)	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(117.1940, -3.3020,
4.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	757381
RGB	117, 115, 129
RGB Percent	46%, 45%, 51%
CMY	0.5412, 0.5490, 0.4941
CMYK	0.09, 0.11, 0.00, 0.49
HSL	249°, 6%, 48%
HSV	249°, 11%, 51%
XYZ	17.4293, 17.6282, 23.2507
YIQ	117.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

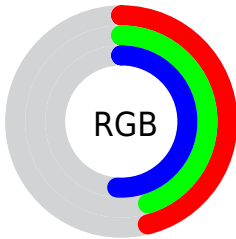
Format	Color
R_{YB}	117, 115, 129
Decimal	7697281
CIE Lab	49.04, 3.71, -7.40
CIE LCh	49, 8.279, 296.628
Yxy	17.6282, 0.2989, 0.3023
Android (android.graphics.Color)	4285887361 (0xFF757381)
YUV	117.1940, 5.8204, -0.1701
Hunter-Lab	41.9860, 0.6236, -3.4430

Details

The YIQ color **117.1940, -3.3020, 4.7780** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.8060, 3.3020, -4.7780**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3080, -3.6230, 5.0890**, and **69.0800, -2.9810, 4.4670** is the 20% darker color. If you saturate the color by 10%, you get **106.2740, -6.2830, 9.2450**, and if you desaturate by 10%, it is **128.1140, -0.3210, 0.3110**.

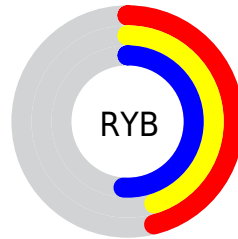
Distribution



Red (46%)

Green (45%)

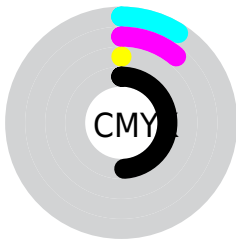
Blue (51%)



Red (46%)

Yellow (45%)

Blue (51%)

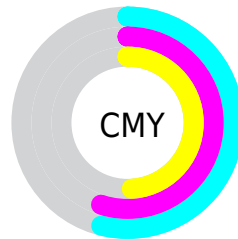


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (49%)



Cyan (54%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.1940, -3.3020, 4.7780 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 117.1940, -3.3020, 4.7780 by changing the saturation by 10% instead.

■ 117.1940, -3.3020,
4.7780

■ 117.1940, -3.3020,
4.7780

■ 255.0000, -0.0000,
-0.0000

■ 92.1940, -3.3020,
4.7780

■ 169.3080, -3.6230,
5.0890

■ 69.0800, -2.9810,
4.4670

■ 196.3080, -3.6230,
5.0890

■ 46.6670, -3.2560,
3.9440

■ 224.4220, -3.9440,
5.4000

■ 25.8520, -2.3390,
3.8450

■ 251.4670, 0.1830,
2.1910

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 117.1940, -3.3020,
4.7780

■ 117.1940, -3.3020,
4.7780

■ 106.2740, -6.2830,
9.2450

■ 128.1140, -0.3210,
0.3110

■ 95.3540, -9.2640,
13.7120

■ 139.0340, 2.6600,
-4.1560

■ 84.4340, -12.2450,
18.1790

■ 149.9540, 5.6410,
-8.6230

■ 73.5140, -15.2260,
22.6460

■ 160.8740, 8.6220,
-13.0900

■ 63.1810, -18.4820,
26.5900

■ 171.2070, 11.8780,
-17.0340

■ 52.2610, -21.4630,
31.0570

■ 182.1270, 14.8590,
-21.5010

■ 41.3410, -24.4440,
35.5240

■ 193.0470, 17.8400,
-25.9680

■ 30.4210, -27.4250,

■ 203.9670, 20.8210,

39.9910

-30.4350

■ 20.0880, -30.6810,
43.9350

■ 214.8870, 23.8020,
-34.9020

Harmonies

Analogous

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



115.7910, -9.5370, 2.1350



117.1940, -3.3020, 4.7780



117.8420, 3.6210, 5.9650

Triad

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



117.1940, -3.3020, 4.7780



117.4590, 11.8290, 0.3810



114.3360, -9.9940, -6.1060

Complementary

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



117.1940, -3.3020, 4.7780



126.8060, 3.3020, -4.7780

Split Complementary

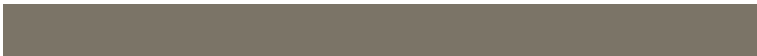
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



114.8590, -4.2170, -6.1770



117.1940, -3.3020, 4.7780



116.6110, 8.3450, -2.5590

Square

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



117.1940, -3.3020, 4.7780



117.8660, 12.2410, 3.9290



115.5070, 2.7060, -4.9900



114.6500, -13.7540, -4.0420

Rectangle

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



117.1940, -3.3020, 4.7780



117.9950, 7.5640, 6.0920



115.5070, 2.7060, -4.9900



114.1190, -7.8850, -5.7810

Sweetspot

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



117.1940, -3.3020, 4.7780



163.8690, -1.0090, 1.7670



123.6400, -7.7940, -1.9220



81.3420, -0.9630, 0.9330



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.



117.1940, -3.3020, 4.7780



149.7040, -4.6780, 7.6900



119.2870, 0.8700, 6.2620



58.0970, -1.6510, 2.3890



19.9740, -30.3600, 43.6240



0.0000, 0.0000, 0.0000

Inverse Universe

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



120.5540, 4.4920, 6.7000



154.7440, 7.0130, 10.5730



124.7130, -0.8700, -6.2620



59.7770, 2.2460, 3.3500



50.6980, 41.2990, 61.0350



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 117.1940, -3.3020, 4.7780 looks on a white 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

Black Background



This preview shows how the YIQ color 117.1940, -3.3020, 4.7780 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 117.1940, -3.3020, 4.7780

Background



This preview shows how black text looks on a background with the YIQ color 117.1940, -3.3020, 4.7780.



This preview shows how white text looks on a background with the YIQ color 117.1940, -3.3020,

4.7780.

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

117.1940, -3.3020, 4.7780

Protanopia

117.1830, -4.7690, 3.8310

Deuteranopia

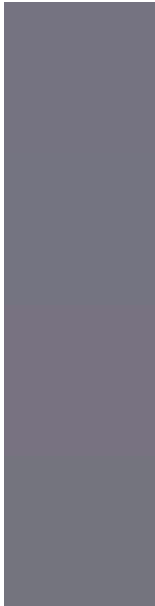
117.5150, 0.2280, 6.8840



Tritanopia

117.0260, -2.8890, 2.7990

Trichromacy



Original Color

117.1940, -3.3020, 4.7780

Protanomaly

117.4820, -4.1730, 4.0430

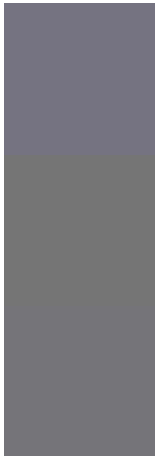
Deuteranomaly

117.5040, -1.2390, 5.9370

Tritanomaly

117.1400, -3.2100, 3.1100

Monochromacy



Original Color

117.1940, -3.3020, 4.7780

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.8690, -1.0090, 1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.1940, -3.3020, 4.7780 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(117, 115, 129)` looks like.

```
.text, #text, p{  
    color:rgb(117, 115, 129)  
}
```

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(117, 115, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 115, 129) }
```

Border

The CSS property to change the border of an element to YIQ 117.1940, -3.3020, 4.7780 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(117, 115, 129) }
```


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

```
.border{ border-color:rgb(117, 115, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 115, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 115, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 115, 129);  
box-shadow:4px 4px 4px 4px rgb(117, 115,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 117.1940, -3.3020, 4.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 115, 129) }
```

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

```
.background{ background-color: rgb(117,  
115, 129) }
```

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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