

Converting Colors

YIQ(116.9320, 2.7070, -10.5170)

Have a look what the booklet for
YIQ(116.9320, 2.7070, -10.5170)
contains.

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Color

**YIQ(116.9320, 2.7070,
-10.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	717B60
RGB	113, 123, 96
RGB Percent	44%, 48%, 38%
CMY	0.5569, 0.5176, 0.6235
CMYK	0.08, 0.00, 0.22, 0.52
HSL	82°, 12%, 43%
HSV	82°, 22%, 48%
XYZ	16.0039, 18.5216, 13.7998
YIQ	116.9320, 2.7070, -10.5170

Conversions

Conversions Part 2

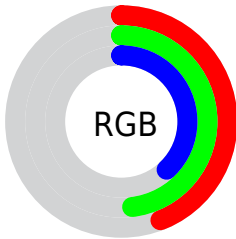
Format	Color
R_{YB}	96, 123, 106
Decimal	7437152
CIE _{Lab}	50.12, -8.91, 13.54
CIE _{LCh}	50, 16.212, 123.349
Yxy	18.5216, 0.3312, 0.3833
Android (android.graphics.Color)	4285627232 (0xFF717B60)
YUV	116.9320, -10.3195, -3.4484
Hunter-Lab	43.0368, -8.9364, 11.1143

Details

The YIQ color **116.9320, 2.7070, -10.5170** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **102.0680, -2.7070, 10.5170**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8180, 3.0280, -10.8280**, and **68.5730, 2.3400, -9.3720** is the 20% darker color. If you saturate the color by 10%, you get **114.0690, 3.5790, -15.3090**, and if you desaturate by 10%, it is **119.7950, 1.8350, -5.7250**.

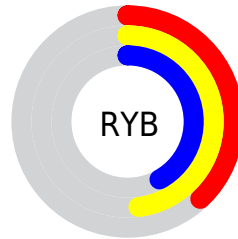
Distribution



Red (44%)

Green (48%)

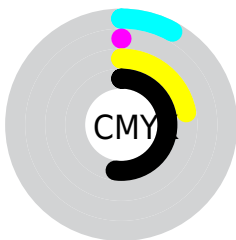
Blue (38%)



Red (38%)

Yellow (48%)

Blue (42%)

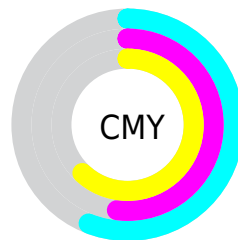


Cyan (8%)

Magenta (0%)

Yellow (22%)

Black (52%)



Cyan (56%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.9320, 2.7070, -10.5170 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 116.9320, 2.7070, -10.5170 by changing the saturation by 10% instead.

■ 116.9320, 2.7070,
-10.5170

■ 116.9320, 2.7070,
-10.5170

■ 255.0000, -0.0000,
-0.0000

■ 92.0460, 2.3860,
-10.2060

■ 168.8180, 3.0280,
-10.8280

■ 68.5730, 2.3400,
-9.3720

■ 196.2910, 3.0740,
-11.6620

■ 46.5730, 2.3400,
-9.3720

■ 224.2910, 3.0740,
-11.6620

■ 24.8290, 4.4950,
-9.8810

■ 250.2420, 4.7700,
-9.3580

■ 0.5870, -0.2750,
-0.5230

■ 0.0000, 0.0000,
0.0000

■ 116.9320, 2.7070,
-10.5170

■ 116.9320, 2.7070,
-10.5170

■ 114.0690, 3.5790,
-15.3090

■ 119.7950, 1.8350,
-5.7250

■ 111.3910, 5.3680,
-20.2000

■ 122.4730, 0.0460,
-0.8340

■ 108.5280, 6.2400,
-24.9920

■ 125.3360, -0.8260,
3.9580

■ 105.9640, 7.7080,
-29.5720

■ 127.9000, -2.2940,
8.5380

■ 103.1010, 8.5800,
-34.3640

■ 130.8770, -3.4870,
13.6410

■ 100.4230, 10.3690,
-39.2550

■ 133.4410, -4.9550,
18.2210

■ 97.5600, 11.2410,
-44.0470

■ 136.3040, -5.8270,
23.0130

■ 95.2240, 12.0670,

■ 139.1670, -6.6990,

-48.0050

27.8050

■ 141.8450, -8.4880,
32.6960

Harmonies

Analogous

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



118.6130, 14.0310, -6.4890



116.9320, 2.7070, -10.5170



115.0490, -10.8640, -12.3680

Triad

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



116.9320, 2.7070, -10.5170



115.7010, -26.9590, -1.5110



121.3880, 19.7590, 10.8550

Complementary

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



116.9320, 2.7070, -10.5170



102.0680, -2.7070, 10.5170

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.



121.7660, 9.9470, 12.4670



116.9320, 2.7070, -10.5170



118.4790, -17.2860, 4.9060

Square

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



116.9320, 2.7070, -10.5170



114.0440, -29.6630, -7.5750



120.7690, -3.3030, 10.3050



121.0800, 23.3820, 5.7660

Rectangle

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



116.9320, 2.7070, -10.5170



114.3840, -19.1170, -11.4770



120.7690, -3.3030, 10.3050



121.9470, 16.6870, 11.4630

Sweetspot

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



116.9320, 2.7070, -10.5170



158.1370, 0.8720, -4.7920



109.9430, 13.3420, 0.4940



80.3050, 0.4590, -2.8130



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



116.9320, 2.7070, -10.5170



151.4280, 3.9460, -16.4540



113.0450, -5.0410, -13.2730



59.7180, 0.7340, -2.2900



96.9960, 12.7090, -48.6270



195.4650, 25.4640, -98.0880

Inverse Universe

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



102.0680, -2.7070, 10.5170



128.2730, -4.5420, 16.2420



105.9550, 5.0410, 13.2730



56.2820, -0.7340, 2.2900



28.0040, -12.7090, 48.6270



56.8340, -24.8680, 98.3000

Previews

White Background



This preview shows how the YIQ color 116.9320, 2.7070, -10.5170 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 116.9320, 2.7070, -10.5170 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 116.9320, 2.7070, -10.5170

Background



This preview shows how black text looks on a background with the YIQ color 116.9320, 2.7070, -10.5170.



This preview shows how white text looks on a background with the YIQ color 116.9320, 2.7070, -10.5170.

-10.5170.

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

116.9320, 2.7070, -10.5170

Protanopia

118.5420, 12.7930, -6.0790

Deuteranopia

119.3520, 19.4400, 0.1120



Tritanopia

119.7270, -3.4850, 2.5870

Trichromacy



Original Color

116.9320, 2.7070, -10.5170

Protanomaly

117.7480, 9.2170, -7.3510

Deuteranomaly

118.3080, 13.5720, -3.6760

Tritanomaly

118.3480, -1.1000, -2.0920

Monochromacy



Original Color

116.9320, 2.7070, -10.5170

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.9630, 1.4220, -3.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.9320, 2.7070, -10.5170 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(113, 123, 96)` looks like.

```
.text, #text, p{  
    color:rgb(113, 123, 96)  
}
```

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(113, 123, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 123, 96) }
```

Border

The CSS property to change the border of an element to YIQ 116.9320, 2.7070, -10.5170 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(113, 123, 96) }
```


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

```
.border{ border-color:rgb(113, 123, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 123, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 123, 96); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 123, 96); box-shadow:4px 4px 4px 4px rgb(113, 123, 96) }
```

Background

The CSS property to change the background color of an element to YIQ 116.9320, 2.7070, -10.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 123, 96) }
```

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

```
.background{ background-color: rgb(113,  
123, 96) }
```

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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