

Converting Colors

YIQ(115.6620, 29.5300,
-17.5580)

Have a look what the booklet for
YIQ(115.6620, 29.5300, -17.5580)
contains.

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Color

**YIQ(115.6620, 29.5300,
-17.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	857735
RGB	133, 119, 53
RGB Percent	52%, 47%, 21%
CMY	0.4784, 0.5333, 0.7920
CMYK	0.00, 0.11, 0.60, 0.48
HSL	49°, 43%, 36%
HSV	49°, 60%, 52%
XYZ	16.9122, 18.4360, 6.0405
YIQ	115.6620, 29.5300, -17.5580

Conversions

Conversions Part 2

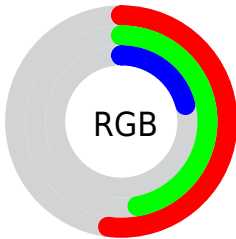
Format	Color
R_{YB}	70, 133, 53
Decimal	8746805
CIE Lab	50.02, -3.34, 37.55
CIE LCh	50, 37.699, 95.090
Yxy	18.4360, 0.4086, 0.4454
Android (android.graphics.Color)	4286936885 (0xFF857735)
YUV	115.6620, -30.8924, 15.2054
Hunter-Lab	42.9372, -4.8319, 21.7150

Details

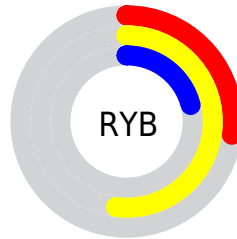
The YIQ color **115.6620, 29.5300, -17.5580** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **70.3380, -29.5300, 17.5580**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2170, 32.2810, -17.8550**, and **66.2380, 27.7880, -19.0280** is the 20% darker color. If you saturate the color by 10%, you get **113.0060, 34.2530, -20.5550**, and if you desaturate by 10%, it is **118.3180, 24.8070, -14.5610**.

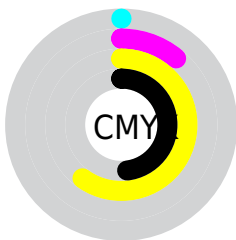
Distribution



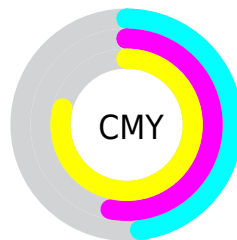
- Red (52%)
- Green (47%)
- Blue (21%)



- Red (27%)
- Yellow (52%)
- Blue (21%)



- Cyan (0%)
- Magenta (11%)
- Yellow (60%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.6620, 29.5300, -17.5580 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 115.6620, 29.5300, -17.5580 by changing the saturation by 10% instead.

■ 115.6620, 29.5300,
-17.5580

■ 115.6620, 29.5300,
-17.5580

■ 255.0000, -0.0000,
-0.0000

■ 90.4770, 28.6130,
-17.4590

■ 168.2170, 32.2810,
-17.8550

■ 66.2380, 27.7880,
-19.0280

■ 195.7010, 33.7940,
-17.7420

■ 45.8060, 20.4970,
-13.5430

■ 223.7720, 35.0320,
-18.1520

■ 26.0040, 11.3720,
-7.8600

■ 246.6780, 23.4330,
-22.7030

■ 0.0000, 0.0000,
0.0000

■ 249.7560, 14.7660,
-14.3060

■ 253.0620, 5.4570,

-5.2870

■ 115.6620, 29.5300,
-17.5580

■ 115.6620, 29.5300,
-17.5580

■ 113.0060, 34.2530,
-20.5550

■ 118.3180, 24.8070,
-14.5610

■ 109.6490, 39.5720,
-23.3400

■ 121.6750, 19.4880,
-11.7760

■ 106.9930, 44.2950,
-26.3370

■ 124.3310, 14.7650,
-8.7790

■ 104.3370, 49.0180,
-29.3340

■ 126.9870, 10.0420,
-5.7820

■ 130.3440, 4.7230,
-2.9970

■ 133.0000, 0.0000,
0.0000

■ 135.6560, -4.7230,
2.9970

■ 138.8990, -9.7210,
5.4710

■ 141.6690,
-14.7650, 8.7790

Harmonies

Analogous

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



118.1900, 46.0790, -3.5930



115.6620, 29.5300, -17.5580



112.1470, 2.9390, -25.7410

Triad

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



115.6620, 29.5300, -17.5580



96.3280, -86.6050, -21.8770



122.4340, 23.2860, 29.5420

Complementary

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



115.6620, 29.5300, -17.5580



70.3380, -29.5300, 17.5580

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.



121.5750, -8.0280, 24.3560



115.6620, 29.5300, -17.5580



95.9010, -92.2920, -12.4200

Square

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



115.6620, 29.5300, -17.5580



93.3810, -76.9290, -32.0410



114.0150, -47.9140, 9.3180



120.6350, 44.4690, 25.5970

Rectangle

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



115.6620, 29.5300, -17.5580



108.2460, -19.3890, -28.5810



114.0150, -47.9140, 9.3180



122.5300, 14.2080, 28.8640

Sweetspot

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



115.6620, 29.5300, -17.5580



166.5310, 11.3260, -7.0260



78.6300, 42.8650, 21.6250



82.4860, 7.1990, -3.8170



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.



115.6620, 29.5300, -17.5580



146.5370, 45.5790, -27.5810



116.4050, 10.7800, -30.1800



64.7290, 2.2010, -1.3430



101.6790, 48.0550, -28.4010



2.0710, 1.2380, -0.4100

Inverse Universe

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



70.3380, -29.5300, 17.5580



75.4630, -45.5790, 27.5810



69.5950, -10.7800, 30.1800



61.2710, -2.2010, 1.3430



28.3210, -48.0550, 28.4010



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 115.6620, 29.5300, -17.5580 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 115.6620, 29.5300, -17.5580 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 115.6620, 29.5300, -17.5580

Background



This preview shows how black text looks on a background with the YIQ color 115.6620, 29.5300, -17.5580.



This preview shows how white text looks on a background with the YIQ color 115.6620, 29.5300,

-17.5580.

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

115.6620, 29.5300, -17.5580

Protanopia

115.3630, 28.9340, -17.7700

Deuteranopia

116.5540, 38.8820, -10.8300



Tritanopia

121.0990, 13.2030, 8.5230

Trichromacy



Original Color

115.6620, 29.5300, -17.5580

Protanomaly

115.3630, 28.9340, -17.7700

Deuteranomaly

116.1190, 35.6730, -13.2470

Tritanomaly

119.4120, 19.2110, -1.2450

Monochromacy



Original Color

115.6620, 29.5300, -17.5580

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7590, 10.6840, -6.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.6620, 29.5300, -17.5580 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(133, 119, 53)` looks like.

```
.text, #text, p{  
    color:rgb(133, 119, 53)  
}
```

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(133, 119, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 119, 53) }
```

Border

The CSS property to change the border of an element to YIQ 115.6620, 29.5300, -17.5580 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(133, 119, 53) }
```


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

```
.border{ border-color:rgb(133, 119, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 119, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 119, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 119, 53);  
box-shadow:4px 4px 4px 4px rgb(133, 119,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 115.6620, 29.5300, -17.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 119, 53) }
```

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

```
.background{ background-color: rgb(133,  
119, 53) }
```

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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