

Converting Colors

YIQ(113.6530, 16.5540,
-13.6700)

Have a look what the booklet for
YIQ(113.6530, 16.5540, -13.6700)
contains.

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Color

**YIQ(113.6530, 16.5540,
-13.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	797648
RGB	121, 118, 72
RGB Percent	47%, 46%, 28%
CMY	0.5255, 0.5372, 0.7175
CMYK	0.00, 0.02, 0.40, 0.53
HSL	56°, 25%, 38%
HSV	56°, 40%, 47%
XYZ	15.5332, 17.4893, 8.6924
YIQ	113.6530, 16.5540, -13.6700

Conversions

Conversions Part 2

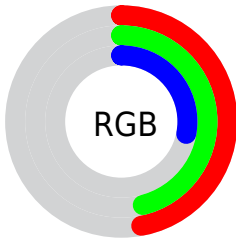
Format	Color
RYB	75, 121, 72
Decimal	7960136
CIELab	48.87, -6.25, 25.73
CIELCh	49, 26.477, 103.653
Yxy	17.4893, 0.3724, 0.4193
Android (android.graphics.Color)	4286150216 (0xFF797648)
YUV	113.6530, -20.5349, 6.4433
Hunter-Lab	41.8202, -6.8855, 16.9506

Details

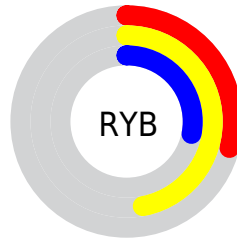
The YIQ color **113.6530, 16.5540, -13.6700** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **79.3470, -16.5540, 13.6700**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6100, 18.1130, -14.3910**, and **65.3970, 14.3990, -13.1610** is the 20% darker color. If you saturate the color by 10%, you get **111.6980, 20.6810, -16.8790**, and if you desaturate by 10%, it is **115.6080, 12.4270, -10.4610**.

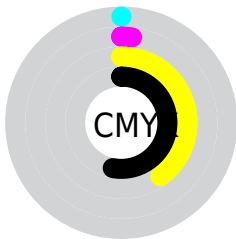
Distribution



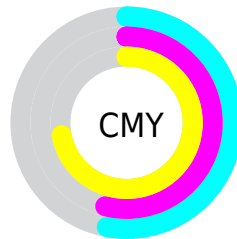
- Red (47%)
- Green (46%)
- Blue (28%)



- Red (29%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.6530, 16.5540, -13.6700 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 113.6530, 16.5540, -13.6700 by changing the saturation by 10% instead.

■ 113.6530, 16.5540,
-13.6700

■ 113.6530, 16.5540,
-13.6700

■ 255.0000, -0.0000,
-0.0000

■ 88.8810, 15.9120,
-13.0480

■ 165.6100, 18.1130,
-14.3910

■ 65.3970, 14.3990,
-13.1610

■ 192.7950, 19.0300,
-14.4900

■ 42.7560, 14.7660,
-14.3060

■ 220.6810, 19.3510,
-14.8010

■ 23.6230, 8.0710,
-8.6090

■ 248.3710, 17.2880,
-15.9600

■ 0.0000, 0.0000,
0.0000

■ 252.1500, 8.0250,
-7.7750

■ 113.6530, 16.5540,
-13.6700

■ 113.6530, 16.5540,
-13.6700

■ 111.6980, 20.6810,
-16.8790

■ 115.6080, 12.4270,
-10.4610

■ 110.3300, 24.5330,
-20.6110

■ 116.9760, 8.5750,
-6.7290

■ 108.3750, 28.6600,
-23.8200

■ 118.9310, 4.4480,
-3.5200

■ 106.4200, 32.7870,
-27.0290

■ 120.8860, 0.3210,
-0.3110

■ 104.4650, 36.9140,
-30.2380

■ 122.9550, -4.1270,
3.2090

■ 103.0970, 40.7660,
-33.9700

■ 124.3230, -7.9790,
6.9410

■ 126.2780,
-12.1060, 10.1500

■ 128.2330,

-16.2330, 13.3590

■ 130.1880,
-20.3600, 16.5680

Harmonies

Analogous

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



115.3500, 30.9490, -4.7230



113.6530, 16.5540, -13.6700



110.9540, -3.5270, -18.6870

Triad

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



113.6530, 16.5540, -13.6700



101.0710, -60.6560, -13.0720



118.8540, 21.6830, 20.0430

Complementary

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



113.6530, 16.5540, -13.6700



79.3470, -16.5540, 13.6700

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.



119.2630, 1.4180, 18.3620



113.6530, 16.5540, -13.6700



109.1750, -45.8490, -0.5770

Square

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



113.6530, 16.5540, -13.6700



101.7590, -51.2100, -19.0660



115.8300, -22.4680, 10.7160



118.1510, 33.7880, 15.4200

Rectangle

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



113.6530, 16.5540, -13.6700



108.1140, -18.6570, -19.8170



115.8300, -22.4680, 10.7160



119.3310, 15.9060, 20.1140

Sweetspot

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



113.6530, 16.5540, -13.6700



155.2470, 6.3740, -5.3860



86.9930, 28.2410, 11.3210



77.1590, 3.8060, -2.8980



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



113.6530, 16.5540, -13.6700



146.2870, 26.0920, -21.3320



109.1350, 3.2130, -19.6910



60.3160, 1.9260, -1.8660



106.0540, 42.3250, -34.6910



214.4670, 85.0170, -70.5270

Inverse Universe

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



79.3470, -16.5540, 13.6700



92.1260, -25.8170, 21.8550



83.8650, -3.2130, 19.6910



55.6840, -1.9260, 1.8660



18.9460, -42.3250, 34.6910



37.5330, -85.0170, 70.5270

Previews

White Background



This preview shows how the YIQ color 113.6530, 16.5540, -13.6700 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 113.6530, 16.5540, -13.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

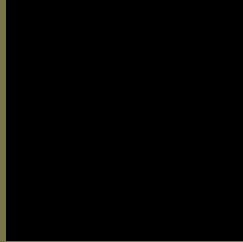
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 113.6530, 16.5540, -13.6700

Background



This preview shows how black text looks on a background with the YIQ color 113.6530, 16.5540, -13.6700.



This preview shows how white text looks on a background with the YIQ color 113.6530, 16.5540,

-13.6700.

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

113.6530, 16.5540, -13.6700

Protanopia

114.1590, 21.0010, -11.6630

Deuteranopia

115.4530, 29.1610, -5.3590



Tritanopia

117.2120, 5.4550, 5.7670

Trichromacy



Original Color

113.6530, 16.5540, -13.6700

Protanomaly

114.1480, 19.5340, -12.6100

Deuteranomaly

115.0070, 24.4850, -8.7230

Tritanomaly

115.7360, 9.4910, -1.3010

Monochromacy



Original Color

113.6530, 16.5540, -13.6700

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7740, 6.3280, -4.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.6530, 16.5540, -13.6700 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(121, 118, 72)` looks like.

```
.text, #text, p{  
    color:rgb(121, 118, 72)  
}
```

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(121, 118, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 118, 72) }
```

Border

The CSS property to change the border of an element to YIQ 113.6530, 16.5540, -13.6700 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(121, 118, 72) }
```


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

```
.border{ border-color:rgb(121, 118, 72) }
```

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

Here you see how a box with a 4 pixel rgb(121, 118, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 118, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 118, 72);  
box-shadow:4px 4px 4px 4px rgb(121, 118,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 113.6530, 16.5540, -13.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 118, 72) }
```

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

```
.background{ background-color: rgb(121,  
118, 72) }
```

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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