

Converting Colors

YIQ(115.4360, 18.6630,
-13.3450)

Have a look what the booklet for
YIQ(115.4360, 18.6630, -13.3450)
contains.

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Color

**YIQ(115.4360, 18.6630,
-13.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7748
RGB	125, 119, 72
RGB Percent	49%, 47%, 28%
CMY	0.5098, 0.5333, 0.7175
CMYK	0.00, 0.05, 0.42, 0.51
HSL	53°, 27%, 39%
HSV	53°, 42%, 49%
XYZ	16.2240, 18.0210, 8.7590
YIQ	115.4360, 18.6630, -13.3450

Conversions

Conversions Part 2

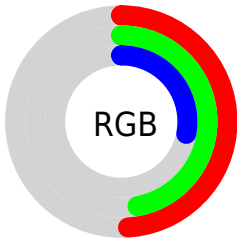
Format	Color
RYB	79, 125, 72
Decimal	8222536
CIELab	49.52, -5.06, 26.63
CIELCh	50, 27.108, 100.759
Yxy	18.0210, 0.3773, 0.4191
Android (android.graphics.Color)	4286412616 (0xFF7D7748)
YUV	115.4360, -21.4139, 8.3876
Hunter-Lab	42.4511, -6.0700, 17.4824

Details

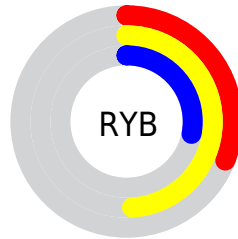
The YIQ color **115.4360, 18.6630, -13.3450** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **81.5640, -18.6630, 13.3450**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6920, 20.8180, -13.8540**, and **67.1800, 16.5080, -12.8360** is the 20% darker color. If you saturate the color by 10%, you get **113.4810, 22.7900, -16.5540**, and if you desaturate by 10%, it is **117.5050, 14.2150, -9.8250**.

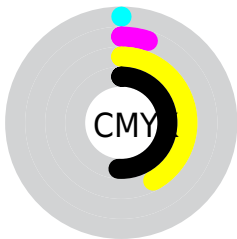
Distribution



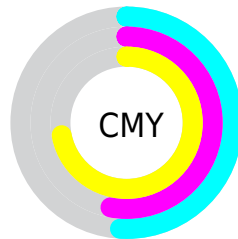
- Red (49%)
- Green (47%)
- Blue (28%)



- Red (31%)
- Yellow (49%)
- Blue (28%)



- Cyan (0%)
- Magenta (5%)
- Yellow (42%)
- Black (51%)



- Cyan (51%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.4360, 18.6630, -13.3450 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 115.4360, 18.6630, -13.3450 by changing the saturation by 10% instead.

■ 115.4360, 18.6630,
-13.3450

■ 115.4360, 18.6630,
-13.3450

■ 255.0000, -0.0000,
-0.0000

■ 90.3650, 17.4250,
-12.9350

■ 167.6920, 20.8180,
-13.8540

■ 67.1800, 16.5080,
-12.8360

■ 194.5780, 21.1390,
-14.1650

■ 44.2400, 16.2790,
-14.1930

■ 222.7630, 22.0560,
-14.2640

■ 25.1070, 9.5840,
-8.4960

■ 248.9580, 17.0130,
-16.4830

■ 0.0000, 0.0000,
0.0000

■ 252.1500, 8.0250,
-7.7750

■ 115.4360, 18.6630,
-13.3450

■ 115.4360, 18.6630,
-13.3450

■ 113.4810, 22.7900,
-16.5540

■ 117.5050, 14.2150,
-9.8250

■ 110.8250, 27.5130,
-19.5510

■ 120.0470, 9.8130,
-7.1390

■ 108.8700, 31.6400,
-22.7600

■ 122.1160, 5.3650,
-3.6190

■ 106.2140, 36.3630,
-25.7570

■ 124.6580, 0.9630,
-0.9330

■ 104.2590, 40.4900,
-28.9660

■ 126.7270, -3.4850,
2.5870

■ 102.5320, 43.9750,
-31.5530

■ 128.6820, -7.6120,
5.7960

■ 131.3380,
-12.3350, 8.7930

■ 133.2930,

-16.4620, 12.0020

■ 135.9490,
-21.1850, 14.9990

Harmonies

Analogous

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



117.3610, 32.4160, -3.7760



115.4360, 18.6630, -13.3450



112.6230, -1.0970, -18.6730

Triad

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



115.4360, 18.6630, -13.3450



102.0490, -63.5900, -14.9660



120.7830, 20.4450, 20.4530

Complementary

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



115.4360, 18.6630, -13.3450



81.5640, -18.6630, 13.3450

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.



120.5940, -1.0120, 18.3480



115.4360, 18.6630, -13.3450



109.3810, -49.4250, -1.8490

Square

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



115.4360, 18.6630, -13.3450



103.5310, -50.5680, -19.6880



116.8620, -25.4940, 10.4900



119.9770, 34.3380, 16.4660

Rectangle

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



115.4360, 18.6630, -13.3450



110.1850, -17.4190, -20.2270



116.8620, -25.4940, 10.4900



121.0750, 13.7510, 20.6230

Sweetspot

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



115.4360, 18.6630, -13.3450



159.4320, 7.2910, -5.4850



88.5310, 29.6620, 13.1020



79.3440, 4.7230, -2.9970



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.



115.4360, 18.6630, -13.3450



148.2550, 29.1180, -21.1060



112.9780, 5.0930, -20.7230



62.6150, 2.5220, -1.6540



104.6030, 45.2130, -31.9630



0.0000, 0.0000, 0.0000

Inverse Universe

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



81.5640, -18.6630, 13.3450



94.7450, -29.1180, 21.1060



84.0220, -5.0930, 20.7230



58.3850, -2.5220, 1.6540



22.8100, -44.9380, 32.4860



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 115.4360, 18.6630, -13.3450 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 115.4360, 18.6630, -13.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

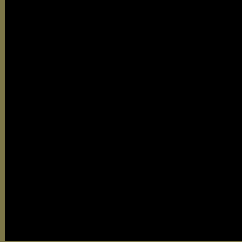
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.4360, 18.6630, -13.3450

Background



This preview shows how black text looks on a background with the YIQ color 115.4360, 18.6630, -13.3450.



This preview shows how white text looks on a background with the YIQ color 115.4360, 18.6630,

-13.3450.

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

115.4360, 18.6630, -13.3450

Protanopia

116.0450, 21.3220, -11.9740

Deuteranopia

116.5240, 30.3990, -5.7690



Tritanopia

119.1090, 7.2430, 6.4030

Trichromacy



Original Color

115.4360, 18.6630, -13.3450

Protanomaly

115.7460, 20.7260, -12.1860

Deuteranomaly

116.4910, 25.9980, -8.6100

Tritanomaly

117.6330, 11.2790, -0.6650

Monochromacy



Original Color

115.4360, 18.6630, -13.3450

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9590, 7.2450, -4.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.4360, 18.6630, -13.3450 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(125, 119, 72)` looks like.

```
.text, #text, p{  
    color:rgb(125, 119, 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(125, 119, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 119, 72) }
```

Border

The CSS property to change the border of an element to YIQ 115.4360, 18.6630, -13.3450 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(125, 119, 72) }
```


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

```
.border{ border-color:rgb(125, 119, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 119, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 119, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 119, 72);  
box-shadow:4px 4px 4px 4px rgb(125, 119,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 115.4360, 18.6630, -13.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 119, 72) }
```

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

```
.background{ background-color: rgb(125,  
119, 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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