

Converting Colors

YIQ(119.3550, -46.5360,
-4.6480)

Have a look what the booklet for
YIQ(119.3550, -46.5360, -4.6480)
contains.

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Color

**YIQ(119.3550, -46.5360,
-4.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	4887A3
RGB	72, 135, 163
RGB Percent	28%, 53%, 64%
CMY	0.7178, 0.4705, 0.3610
CMYK	0.56, 0.17, 0.00, 0.36
HSL	198°, 39%, 46%
HSV	198°, 56%, 64%
XYZ	17.9438, 21.3542, 37.8017
YIQ	119.3550, -46.5360, -4.6480

Conversions

Conversions Part 2

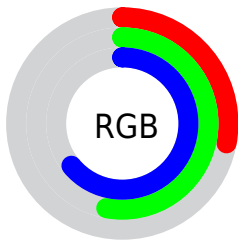
Format	Color
R _Y B	72, 109, 163
Decimal	4753315
CIE Lab	53.34, -12.03, -21.02
CIE LCh	53, 24.219, 240.230
Yxy	21.3542, 0.2327, 0.2770
Android (android.graphics.Color)	4282943395 (0xFF4887A3)
YUV	119.3550, 21.5170, -41.5303
Hunter-Lab	46.2106, -11.5563, -16.1535

Details

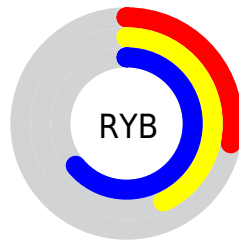
The YIQ color $[119.3550, -46.5360, -4.6480]$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $[115.6450, 46.5360, 4.6480]$, and the grayscale version is $[119.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[173.1810, -45.9860, -3.6020]$, and $[62.5490, -59.0060, -9.9340]$ is the 20% darker color. If you saturate the color by 10%, you get $[111.6360, -54.6970, -5.4250]$, and if you desaturate by 10%, it is $[127.0740, -38.3750, -3.8710]$.

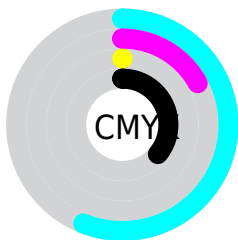
Distribution



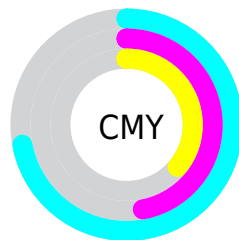
- Red (28%)
- Green (53%)
- Blue (64%)



- Red (28%)
- Yellow (43%)
- Blue (64%)



- Cyan (56%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (72%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.3550, -46.5360, -4.6480 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 119.3550, -46.5360, -4.6480 by changing the saturation by 10% instead.

■ 119.3550,
-46.5360, -4.6480

■ 119.3550,
-46.5360, -4.6480

■ 255.0000, -0.0000,
-0.0000

■ 93.0450, -48.5990,
-5.8070

■ 173.1810,
-45.9860, -3.6020

■ 62.5490, -59.0060,
-9.9340

■ 201.1810,
-45.9860, -3.6020

■ 46.3120, -44.9770,
-5.3690

■ 227.6020,
-40.1620, -10.0340

■ 30.6620, -31.2230,
-1.3270

■ 242.1430,
-25.6280, -9.1160

■ 17.0010, -18.9360,
1.7680

■ 250.8140, -8.3440,
-2.9680

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,

0.0000

■ 119.3550,
-46.5360, -4.6480

■ 119.3550,
-46.5360, -4.6480

■ 111.6360,
-54.6970, -5.4250

■ 127.0740,
-38.3750, -3.8710

■ 103.6180,
-63.4540, -6.4140

■ 135.0920,
-29.6180, -2.8820

■ 95.8990, -71.6150,
-7.1910

■ 142.8110,
-21.4570, -2.1050

■ 88.1800, -79.7760,
-7.9680

■ 150.5300,
-13.2960, -1.3280

■ 84.9130, -83.3980,
-8.4060

■ 158.2490, -5.1350,
-0.5510

■ 166.2670, 3.6220,
0.4380

■ 173.9860, 11.7830,
1.2150

■ 181.7050, 19.9440,
1.9920

■ 189.7230, 28.7010,
2.9810

Harmonies

Analogous

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



115.8180, -49.6980, -13.4260



119.3550, -46.5360, -4.6480



124.8890, -30.1240, 6.2920

Triad

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



119.3550, -46.5360, -4.6480



130.2690, 27.6440, 16.6360



123.7380, 6.0090, -15.2950

Complementary

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



119.3550, -46.5360, -4.6480



115.6450, 46.5360, 4.6480

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.



126.2240, 22.3760, -9.0480



119.3550, -46.5360, -4.6480



128.7610, 34.7060, 9.7940

Square

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



119.3550, -46.5360, -4.6480



130.4230, 12.6510, 18.5310



127.8820, 32.5070, 0.0830



121.2070, -14.4850, -18.3330

Rectangle

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



119.3550, -46.5360, -4.6480



127.8910, -15.2700, 12.4260



127.8820, 32.5070, 0.0830



125.2010, 12.0150, -14.0090

Sweetspot

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



119.3550, -46.5360, -4.6480



194.7790, -18.4310, -1.8790



128.4950, -33.6920, -39.1960



97.1990, -10.8660, -1.3140



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



119.3550, -46.5360, -4.6480



143.7140, -72.5320, -7.0920



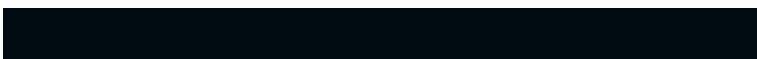
92.9400, -34.1610, 18.8870



77.5480, -4.5390, -0.3390



75.8170, -74.3200, -7.7280



9.0960, -9.0780, -0.6780

Inverse Universe

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



106.3910, 34.0130, 38.8850



123.6300, 53.1740, 60.5820



142.0600, 34.1610, -18.8870



76.3750, 3.4380, 3.7740



54.8690, 53.9990, 62.1510



6.7500, 6.8760, 7.5480

Previews

White Background



This preview shows how the YIQ color 119.3550, -46.5360, -4.6480 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 119.3550, -46.5360, -4.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

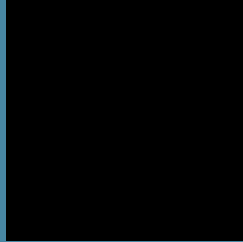
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.3550, -46.5360, -4.6480

Background



This preview shows how black text looks on a background with the YIQ color 119.3550, -46.5360, -4.6480.



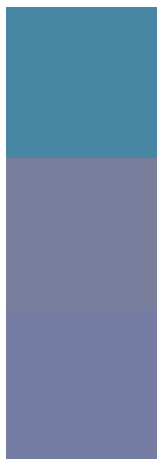
This preview shows how white text looks on a background with the YIQ color 119.3550, -46.5360,

-4.6480.

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

119.3550, -46.5360, -4.6480

Protanopia

127.6260, -13.2060, 8.0580

Deuteranopia

127.4670, -17.0120, 10.9560



Tritanopia

117.1390, -46.1680, -11.3200

Trichromacy



Original Color

119.3550, -46.5360, -4.6480

Protanomaly

124.6460, -25.1260, 3.8180

Deuteranomaly

124.6180, -27.9230, 4.9490

Tritanomaly

117.7200, -46.3060, -8.8180

Monochromacy



Original Color

119.3550, -46.5360, -4.6480

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2630, -16.9180, -1.7660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3550, -46.5360, -4.6480 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(72, 135, 163)` looks like.

```
.text, #text, p{  
    color:rgb(72, 135, 163)  
}
```

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(72, 135, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 135, 163) }
```

Border

The CSS property to change the border of an element to YIQ 119.3550, -46.5360, -4.6480 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(72, 135, 163) }
```


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

```
.border{ border-color:rgb(72, 135, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 135, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 135, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 135, 163);  
box-shadow:4px 4px 4px 4px rgb(72, 135,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3550, -46.5360, -4.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 135, 163) }
```

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

```
.background{ background-color: rgb(72, 135,  
163) }
```

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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