

Converting Colors

YIQ(124.2350, -46.0780,
-1.9340)

Have a look what the booklet for
YIQ(124.2350, -46.0780, -1.9340)
contains.

YIQ(124.2350, -46.0780, -1.9340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(124.2350, -46.0780,
-1.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8AAC
RGB	79, 138, 172
RGB Percent	31%, 54%, 67%
CMY	0.6903, 0.4587, 0.3257
CMYK	0.54, 0.20, 0.00, 0.33
HSL	202°, 37%, 49%
HSV	202°, 54%, 67%
XYZ	19.7552, 22.8216, 42.3667
YIQ	124.2350, -46.0780, -1.9340

Conversions

Conversions Part 2

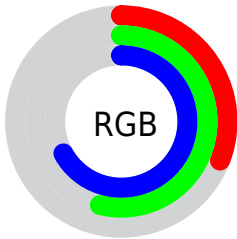
Format	Color
R_{YB}	79, 115, 172
Decimal	5212844
CIE _{Lab}	54.89, -9.38, -23.79
CIE _{LCh}	55, 25.571, 248.492
Yxy	22.8216, 0.2326, 0.2687
Android (android.graphics.Color)	4283402924 (0xFF4F8AAC)
YUV	124.2350, 23.5481, -39.6711
Hunter-Lab	47.7719, -9.7853, -19.1411

Details

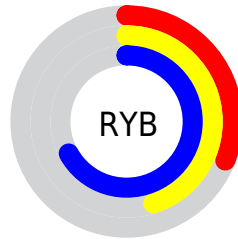
The YIQ color $124.2350, -46.0780, -1.9340$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $126.7650, 46.0780, 1.9340$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $178.0610, -45.5280, -0.8880$, and $69.2230, -54.9720, -5.9480$ is the 20% darker color. If you saturate the color by 10%, you get $115.6300, -54.5600, -2.4000$, and if you desaturate by 10%, it is $132.8400, -37.5960, -1.4680$.

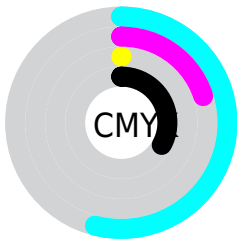
Distribution



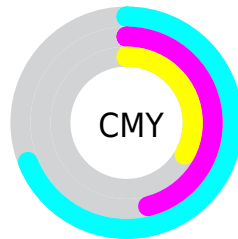
- Red (31%)
- Green (54%)
- Blue (67%)



- Red (31%)
- Yellow (45%)
- Blue (67%)



- Cyan (54%)
- Magenta (20%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.2350, -46.0780, -1.9340 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 124.2350, -46.0780, -1.9340 by changing the saturation by 10% instead.

■ 124.2350,
-46.0780, -1.9340

■ 124.2350,
-46.0780, -1.9340

■ 255.0000, -0.0000,
-0.0000

■ 97.8110, -47.8200,
-3.4040

■ 178.0610,
-45.5280, -0.8880

■ 69.2230, -54.9720,
-5.9480

■ 206.0610,
-45.5280, -0.8880

■ 48.9850, -48.3700,
-4.4500

■ 231.7550,
-36.2190, -9.9070

■ 33.3350, -34.6160,
-0.4080

■ 244.2360,
-21.4560, -7.6320

■ 18.9730, -21.7330,
2.8990

■ 253.2060, -3.5760,
-1.2720

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,

0.0000

■ 124.2350,
-46.0780, -1.9340

■ 124.2350,
-46.0780, -1.9340

■ 115.6300,
-54.5600, -2.4000

■ 132.8400,
-37.5960, -1.4680

■ 106.4380,
-62.7670, -2.3430

■ 142.0320,
-29.3890, -1.5250

■ 97.5340, -71.8450,
-3.0210

■ 150.9360,
-20.3110, -0.8470

■ 88.9290, -80.3270,
-3.4870

■ 159.5410,
-11.8290, -0.3810

■ 83.5910, -85.1870,
-3.5150

■ 168.1460, -3.3470,
0.0850

■ 177.3380, 4.8600,
0.0280

■ 185.9430, 13.3420,
0.4940

■ 194.8470, 22.4200,
1.1720

■ 203.4520, 30.9020,
1.6380

Harmonies

Analogous

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



119.0070, -54.6040, -12.6200



124.2350, -46.0780, -1.9340



130.3350, -25.4480, 9.6560

Triad

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



124.2350, -46.0780, -1.9340



134.1940, 32.2290, 16.1410



126.6340, 0.3700, -17.7260

Complementary

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



124.2350, -46.0780, -1.9340



126.7650, 46.0780, 1.9340

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.



129.5610, 19.8090, -12.0870



124.2350, -46.0780, -1.9340



132.9630, 36.9530, 7.6170

Square

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



124.2350, -46.0780, -1.9340



134.8860, 18.6570, 19.8170



131.8880, 32.3700, -2.9420



123.2600, -22.0040, -19.7320

Rectangle

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



124.2350, -46.0780, -1.9340



133.1090, -9.9520, 15.1680



131.8880, 32.3700, -2.9420



127.6950, 7.5680, -16.0160

Sweetspot

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



124.2350, -46.0780, -1.9340



205.6050, -17.8810, -0.8330



137.3530, -36.1680, -38.3760



101.0250, -10.3160, -0.2680



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



124.2350, -46.0780, -1.9340



149.5340, -71.8450, -3.0210



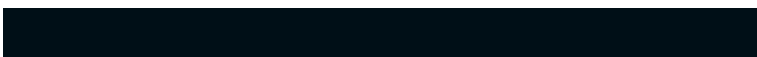
97.8200, -33.7030, 21.6010



82.5480, -4.5390, -0.3390



73.4520, -74.5500, -3.5580



11.4270, -11.5080, -0.6920

Inverse Universe

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



113.5330, 36.4890, 38.0650



132.8430, 56.8880, 59.3520



153.1800, 33.7030, -21.6010



81.3750, 3.4380, 3.7740



55.7940, 58.5840, 61.6560



8.5870, 8.8930, 9.5410

Previews

White Background



This preview shows how the YIQ color 124.2350, -46.0780, -1.9340 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 124.2350, -46.0780, -1.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

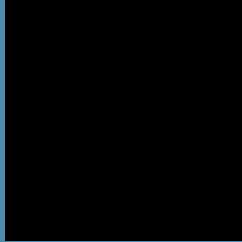
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.2350, -46.0780, -1.9340

Background



This preview shows how black text looks on a background with the YIQ color 124.2350, -46.0780, -1.9340.



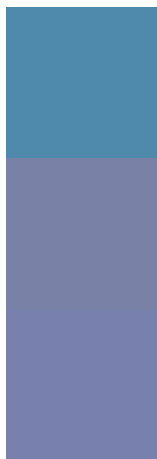
This preview shows how white text looks on a background with the YIQ color 124.2350, -46.0780, -1.9340.

-1.9340.

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

124.2350, -46.0780, -1.9340

Protanopia

131.1250, -16.0490, 10.0230

Deuteranopia

131.4390, -19.8090, 12.0870



Tritanopia

121.7370, -44.9760, -10.8960

Trichromacy



Original Color

124.2350, -46.0780, -1.9340

Protanomaly

128.3300, -27.0520, 5.6840

Deuteranomaly

128.6010, -29.2530, 7.0270

Tritanomaly

122.8450, -45.1600, -7.5600

Monochromacy



Original Color

124.2350, -46.0780, -1.9340

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.0890, -16.3680, -0.7200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.2350, -46.0780, -1.9340 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(79, 138, 172)` looks like.

```
.text, #text, p{  
    color:rgb(79, 138, 172)  
}
```

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(79, 138, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 138, 172) }
```

Border

The CSS property to change the border of an element to YIQ 124.2350, -46.0780, -1.9340 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(79, 138, 172) }
```


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

```
.border{ border-color:rgb(79, 138, 172) }
```

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

Here you see how a box with a 4 pixel rgb(79, 138, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 138, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 138, 172);  
box-shadow:4px 4px 4px 4px rgb(79, 138,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 124.2350, -46.0780, -1.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 138, 172) }
```

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

```
.background{ background-color: rgb(79, 138,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor