

Converting Colors

YIQ(114.6940, -43.4170,
-11.6170)

Have a look what the booklet for
YIQ(114.6940, -43.4170, -11.6170)
contains.

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Color

**YIQ(114.6940, -43.4170,
-11.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	42868F
RGB	66, 134, 143
RGB Percent	26%, 53%, 56%
CMY	0.7413, 0.4744, 0.4394
CMYK	0.54, 0.06, 0.00, 0.44
HSL	187°, 37%, 41%
HSV	187°, 54%, 56%
XYZ	15.7276, 20.1968, 29.0379
YIQ	114.6940, -43.4170, -11.6170

Conversions

Conversions Part 2

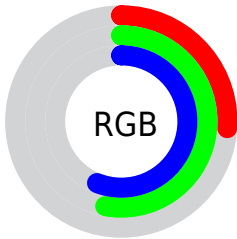
Format	Color
R _{YB}	66, 102, 143
Decimal	4359823
CIE _{Lab}	52.06, -18.86, -11.39
CIE _{LCh}	52, 22.030, 211.140
Y _{xy}	20.1968, 0.2421, 0.3109
Android (android.graphics.Color)	4282549903 (0xFF42868F)
YUV	114.6940, 13.9549, -42.7046
Hunter-Lab	44.9408, -16.1781, -6.8509

Details

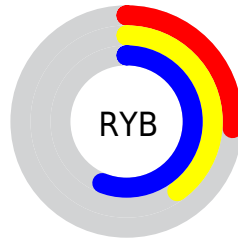
The YIQ color **114.6940, -43.4170, -11.6170** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **94.3060, 43.4170, 11.6170**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1070, -43.1420, -11.0940**, and **59.9100, -52.9530, -15.0090** is the 20% darker color. If you saturate the color by 10%, you get **109.3340, -51.2110, -13.5390**, and if you desaturate by 10%, it is **120.0540, -35.6230, -9.6950**.

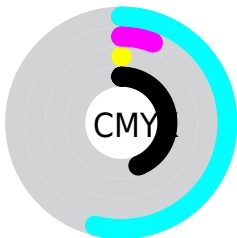
Distribution



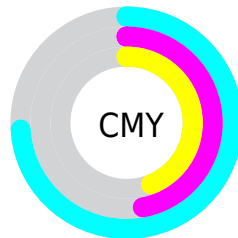
- Red (26%)
- Green (53%)
- Blue (56%)



- Red (26%)
- Yellow (40%)
- Blue (56%)



- Cyan (54%)
- Magenta (6%)
- Yellow (0%)
- Black (44%)



- Cyan (74%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.6940, -43.4170, -11.6170 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 114.6940, -43.4170, -11.6170 by changing the saturation by 10% instead.

■ 114.6940,
-43.4170, -11.6170

■ 114.6940,
-43.4170, -11.6170

■ 255.0000, -0.0000,
-0.0000

■ 88.3840, -45.4800,
-12.7760

■ 168.1070,
-43.1420, -11.0940

■ 59.9100, -52.9530,
-15.0090

■ 196.1070,
-43.1420, -11.0940

■ 43.6730, -38.9240,
-10.4440

■ 224.6940,
-43.4170, -11.6170

■ 28.2510, -25.8120,
-5.7800

■ 239.7510,
-30.3960, -10.8120

■ 11.7690, -12.4710,
0.2410

■ 248.4220,
-13.1120, -4.6640

■ 0.0000, 0.0000,
0.0000

■ 114.6940,
-43.4170, -11.6170

■ 114.6940,
-43.4170, -11.6170

■ 109.3340,
-51.2110, -13.5390

■ 120.0540,
-35.6230, -9.6950

■ 104.2620,
-59.8760, -16.1960

■ 125.1260,
-26.9580, -7.0380

■ 98.9020, -67.6700,
-18.1180

■ 130.4860,
-19.1640, -5.1160

■ 93.5420, -75.4640,
-20.0400

■ 135.8460,
-11.3700, -3.1940

■ 90.2640, -80.5530,
-21.4250


■ 140.6190, -3.3010,
-0.7490

■ 146.2780, 5.0890,
1.3850

■ 151.6380, 12.8830,
3.3070

■ 156.4110, 20.9520,

5.7520

 162.0700, 29.3420,
7.8860

Harmonies

Analogous

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



115.8060, -32.2290, -16.1410



114.6940, -43.4170, -11.6170



117.8180, -40.5300, -3.3620

Triad

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



114.6940, -43.4170, -11.6170



127.1840, 11.8260, 16.9620



122.9680, 20.2210, -8.5390

Complementary

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



114.6940, -43.4170, -11.6170



94.3060, 43.4170, 11.6170

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.



124.9140, 29.4810, -0.1430



114.6940, -43.4170, -11.6170



126.8450, 25.9020, 15.1660

Square

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



114.6940, -43.4170, -11.6170



125.9090, -6.5130, 13.4150



125.9670, 31.1300, 8.5220



121.0800, 5.0460, -14.3620

Rectangle

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



114.6940, -43.4170, -11.6170



120.9980, -32.0490, 2.6310



125.9670, 31.1300, 8.5220



123.7020, 24.0260, -5.9100

Sweetspot

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



114.6940, -43.4170, -11.6170



175.2690, -17.0550, -4.7910



112.1110, -23.7430, -37.7830



87.4440, -10.1780, -2.7700



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



114.6940, -43.4170, -11.6170



141.6030, -68.2660, -18.3300



92.9750, -33.2420, 7.7340



68.9070, -4.1720, -1.4840



85.2430, -76.0600, -20.2520



5.0210, -4.4930, -1.1730

Inverse Universe

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



96.7750, 24.0640, 37.4720



113.3770, 37.7690, 58.9290



116.0250, 33.2420, -7.7340



66.8910, 1.9250, 3.6610



53.9310, 42.2610, 65.6290



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 114.6940, -43.4170, -11.6170 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 114.6940, -43.4170, -11.6170 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 114.6940, -43.4170, -11.6170 Background



This preview shows how black text looks on a background with the YIQ color 114.6940, -43.4170, -11.6170.



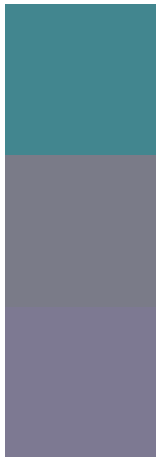
This preview shows how white text looks on a background with the YIQ color 114.6940, -43.4170, -11.6170.

-11.6170.

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

114.6940, -43.4170, -11.6170

Protanopia

124.1830, -4.7690, 3.8310

Deuteranopia

125.0460, -5.6410, 8.6230



Tritanopia

115.2210, -43.4630, -10.7830

Trichromacy



Original Color

114.6940, -43.4170, -11.6170

Protanomaly

120.8930, -18.7520, -1.5680

Deuteranomaly

121.5880, -19.2110, 1.2450

Tritanomaly

115.1070, -43.1420, -11.0940

Monochromacy



Original Color

114.6940, -43.4170, -11.6170

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.8670, -15.8630, -4.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.6940, -43.4170, -11.6170 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(66, 134, 143)` looks like.

```
.text, #text, p{  
    color:rgb(66, 134, 143)  
}
```

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(66, 134, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 134, 143) }
```

Border

The CSS property to change the border of an element to YIQ 114.6940, -43.4170, -11.6170 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(66, 134, 143) }
```


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

```
.border{ border-color:rgb(66, 134, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 134, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 134, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 134, 143);  
box-shadow:4px 4px 4px 4px rgb(66, 134,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 114.6940, -43.4170, -11.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 134, 143) }
```

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

```
.background{ background-color: rgb(66, 134,  
143) }
```

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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