

Converting Colors

YIQ(113.5210, -43.4670,
11.3250)

Have a look what the booklet for
YIQ(113.5210, -43.4670, 11.3250)
contains.

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Color

**YIQ(113.5210, -43.4670,
11.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	4F76B5
RGB	79, 118, 181
RGB Percent	31%, 46%, 71%
CMY	0.6902, 0.5372, 0.2904
CMYK	0.56, 0.35, 0.00, 0.29
HSL	217°, 41%, 51%
HSV	217°, 56%, 71%
XYZ	18.0384, 17.9563, 46.2009
YIQ	113.5210, -43.4670, 11.3250

Conversions

Conversions Part 2

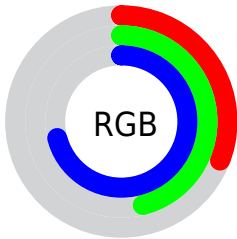
Format	Color
R_{YB}	79, 107, 181
Decimal	5207733
CIE Lab	49.44, 5.25, -37.46
CIE LCh	49, 37.823, 277.984
Yxy	17.9563, 0.2195, 0.2185
Android (android.graphics.Color)	4283397813 (0xFF4F76B5)
YUV	113.5210, 33.2671, -30.2749
Hunter-Lab	42.3749, 1.8288, -34.9808

Details

The YIQ color **113.5210, -43.4670, 11.3250** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **146.4790, 43.4670, -11.3250**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1730, -42.3670, 13.4170**, and **58.3730, -54.9740, 5.1060** is the 20% darker color. If you saturate the color by 10%, you get **101.6820, -51.1700, 13.2620**, and if you desaturate by 10%, it is **125.3600, -35.7640, 9.3880**.

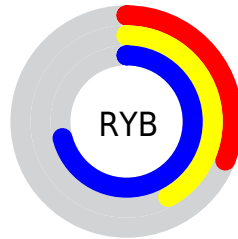
Distribution



Red (31%)

Green (46%)

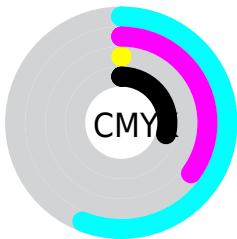
Blue (71%)



Red (31%)

Yellow (42%)

Blue (71%)

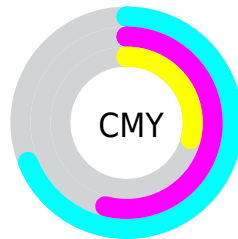


Cyan (56%)

Magenta (35%)

Yellow (0%)

Black (29%)



Cyan (69%)

Magenta (54%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.5210, -43.4670, 11.3250 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 113.5210, -43.4670, 11.3250 by changing the saturation by 10% instead.

■ 113.5210,
-43.4670, 11.3250

■ 113.5210,
-43.4670, 11.3250

■ 255.0000, -0.0000,
-0.0000

■ 87.6840, -45.4840,
9.3320

■ 167.1730,
-42.3670, 13.4170

■ 58.3730, -54.9740,
5.1060

■ 193.4460,
-38.8820, 10.8300

■ 39.8040, -45.9420,
6.6180

■ 218.5530,
-29.2980, 2.3340

■ 25.3280, -32.7380,
9.6140

■ 244.2470,
-19.9890, -6.6850

■ 8.0310, -18.4800,
15.5360

■ 253.5050, -2.9800,
-1.0600

■ 4.8220, -10.8220,
8.9060

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 113.5210,
-43.4670, 11.3250

■ 113.5210,
-43.4670, 11.3250

■ 101.6820,
-51.1700, 13.2620

■ 125.3600,
-35.7640, 9.3880

■ 89.8430, -58.8730,
15.1990

■ 137.1990,
-28.0610, 7.4510

■ 78.0040, -66.5760,
17.1360

■ 149.6250,
-20.6330, 4.9910

■ 65.5780, -74.0040,
19.5960

■ 161.4640,
-12.9300, 3.0540

■ 61.1370, -77.0760,
20.2040

■ 173.3030, -5.2270,
1.1170

■ 185.4410, 3.0720,
-0.6080

■ 197.2800, 10.7750,
-2.5450

■ 209.1190, 18.4780,
-4.4820

■ 221.5450, 25.9060,
-6.9420

Harmonies

Analogous

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



94.7270, -91.7420, -11.3740



113.5210, -43.4670, 11.3250



120.5430, -5.0020, 24.5820

Triad

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



113.5210, -43.4670, 11.3250



117.4980, 51.6240, 11.5600



102.6230, -36.6280, -30.0360

Complementary

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



113.5210, -43.4670, 11.3250



146.4790, 43.4670, -11.3250

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.



110.0650, 0.2340, -26.2780



113.5210, -43.4670, 11.3250



116.0650, 44.9330, -4.8510

Square

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



113.5210, -43.4670, 11.3250



119.1790, 45.7530, 24.3530



114.0530, 26.8710, -18.9290



92.9080, -76.9750, -31.2070

Rectangle

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



113.5210, -43.4670, 11.3250



121.1990, 16.6380, 28.8780



114.0530, 26.8710, -18.9290



105.9790, -23.0110, -29.0190

Sweetspot

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



113.5210, -43.4670, 11.3250



208.3650, -16.9650, 4.5950



146.0560, -48.2730, -33.7530



101.9050, -9.8580, 2.4460



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



113.5210, -43.4670, 11.3250



129.0470, -68.1350, 17.8570



94.2160, -25.5900, 34.2660



83.3740, -3.9890, 0.7070



52.0750, -65.3380, 16.7260



8.8340, -11.0960, 2.8560

Inverse Universe

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



113.9440, 48.2730, 33.7530



129.7940, 75.7790, 52.8910



165.7840, 25.5900, -34.2660



83.1470, 4.0800, 3.1520



52.4730, 72.2490, 50.7850



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 113.5210, -43.4670, 11.3250 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 113.5210, -43.4670, 11.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

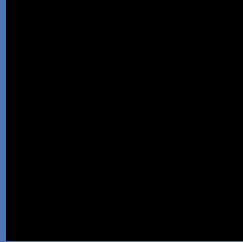
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.5210, -43.4670, 11.3250

Background



This preview shows how black text looks on a background with the YIQ color 113.5210, -43.4670, 11.3250.

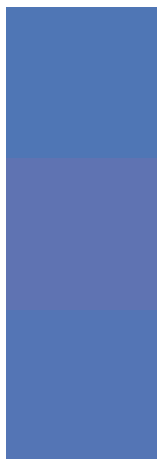


This preview shows how white text looks on a background with the YIQ color 113.5210, -43.4670,

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

113.5210, -43.4670, 11.3250

Protanopia

116.2020, -32.1430, 15.3530

Deuteranopia

114.4290, -40.2120, 12.9080



Tritanopia

108.7050, -41.9500, -10.6700

Trichromacy



Original Color

113.5210, -43.4670, 11.3250

Protanomaly

115.1090, -36.3150, 13.8690

Deuteranomaly

113.8310, -41.4040, 12.4840

Tritanomaly

110.5620, -42.6850, -2.8530

Monochromacy



Original Color

113.5210, -43.4670, 11.3250

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.4360, -15.7270, 4.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.5210, -43.4670, 11.3250 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, 118, 181)` looks like.

```
.text, #text, p{  
    color:rgb(79, 118, 181)  
}
```

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, 118, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 118, 181) }
```

Border

The CSS property to change the border of an element to YIQ 113.5210, -43.4670, 11.3250 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, 118, 181) }
```


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

```
.border{ border-color:rgb(79, 118, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 118, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 118, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 118, 181);  
box-shadow:4px 4px 4px 4px rgb(79, 118,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 113.5210, -43.4670, 11.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 118, 181) }
```

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

```
.background{ background-color: rgb(79, 118,  
181) }
```

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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