

Converting Colors

YIQ(114.6820, -51.1700,
13.2620)

Have a look what the booklet for
YIQ(114.6820, -51.1700, 13.2620)
contains.

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Color

**YIQ(114.6820, -51.1700,
13.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	4A78C2
RGB	74, 120, 194
RGB Percent	29%, 47%, 76%
CMY	0.7098, 0.5293, 0.2395
CMYK	0.62, 0.38, 0.00, 0.24
HSL	217°, 50%, 53%
HSV	217°, 62%, 76%
XYZ	19.2718, 18.7849, 53.6100
YIQ	114.6820, -51.1700, 13.2620

Conversions

Conversions Part 2

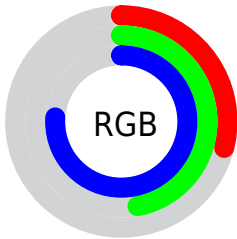
Format	Color
R_{YB}	74, 107, 194
Decimal	4880578
CIE _{Lab}	50.43, 7.38, -43.39
CIE _{LCh}	50, 44.009, 279.660
Yxy	18.7849, 0.2102, 0.2049
Android (android.graphics.Color)	4283070658 (0xFF4A78C2)
YUV	114.6820, 39.1038, -35.6781
Hunter-Lab	43.3416, 3.5221, -42.9978

Details

The YIQ color **114.6820, -51.1700, 13.2620** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **153.3180, 51.1700, -13.2620**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0460, -49.1990, 16.0890**, and **58.2240, -64.7400, 5.8840** is the 20% darker color. If you saturate the color by 10%, you get **101.9570, -59.1940, 15.5100**, and if you desaturate by 10%, it is **127.4070, -43.1460, 11.0140**.

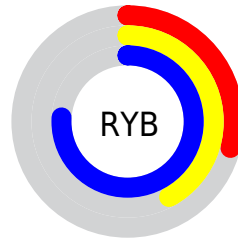
Distribution



Red (29%)

Green (47%)

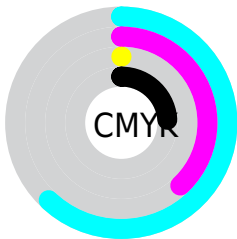
Blue (76%)



Red (29%)

Yellow (42%)

Blue (76%)

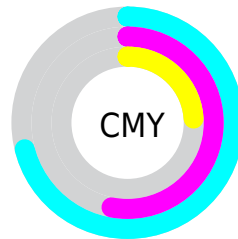


Cyan (62%)

Magenta (38%)

Yellow (0%)

Black (24%)



Cyan (71%)

Magenta (53%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.6820, -51.1700, 13.2620 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 114.6820, -51.1700, 13.2620 by changing the saturation by 10% instead.

■ 114.6820,
-51.1700, 13.2620

■ 114.6820,
-51.1700, 13.2620

■ 255.0000, -0.0000,
-0.0000

■ 87.5350, -55.2500,
10.1100

■ 169.0460,
-49.1990, 16.0890

■ 58.2240, -64.7400,
5.8840

■ 194.0220,
-40.6240, 9.3600

■ 42.3460, -50.3440,
9.3040

■ 219.1290,
-31.0400, 0.8640

■ 27.7560, -36.8190,
11.9890

■ 244.5350,
-20.8600, -7.4200

■ 9.1710, -21.6900,
18.6460

■ 253.2060, -3.5760,
-1.2720

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 114.6820,
-51.1700, 13.2620

■ 114.6820,
-51.1700, 13.2620

■ 101.9570,
-59.1940, 15.5100

■ 127.4070,
-43.1460, 11.0140

■ 88.9330, -67.8140,
17.5460

■ 140.4310,
-34.5260, 8.9780

■ 76.2080, -75.8380,
19.7940

■ 153.1560,
-26.5020, 6.7300

■ 65.5540, -82.6240,
21.6320

■ 166.1800,
-17.8820, 4.6940

■ 178.9050, -9.8580,
2.4460

■ 191.6300, -1.8340,
0.1980

■ 204.6540, 6.7860,
-1.8380

■ 217.3790, 14.8100,
-4.0860

■ 230.4030, 23.4300,
-6.1220

Harmonies

Analogous

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



98.5570, -97.0150, -9.4230



114.6820, -51.1700, 13.2620



123.1890, -3.7650, 29.6990

Triad

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



114.6820, -51.1700, 13.2620



119.2170, 59.7850, 12.3370



97.3000, -55.0120, -38.2760

Complementary

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



114.6820, -51.1700, 13.2620



153.3180, 51.1700, -13.2620

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.



110.3480, -2.2410, -30.9850



114.6820, -51.1700, 13.2620



117.8930, 51.1690, -7.7350

Square

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



114.6820, -51.1700, 13.2620



120.0060, 53.7300, 28.4660



115.2720, 30.4480, -23.1840



96.5270, -80.2760, -31.9560

Rectangle

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



114.6820, -51.1700, 13.2620



123.1120, 21.4970, 34.4330



115.2720, 30.4480, -23.1840



104.3260, -31.5380, -34.1780

Sweetspot

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



114.6820, -51.1700, 13.2620



220.6250, -20.6330, 4.9910



152.6480, -56.1120, -40.3680



107.8770, -12.6550, 3.5770



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



114.6820, -51.1700, 13.2620



128.8810, -79.2310, 20.7130



91.2680, -31.3680, 39.8640



90.4880, -4.3100, 1.0180



54.7480, -68.7310, 17.6450



11.3930, -14.1680, 3.4640

Inverse Universe

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



115.1240, 56.7540, 39.7460



129.7080, 88.0650, 61.5130



176.7320, 31.3680, -39.8640



90.4460, 4.6760, 3.3640



55.2070, 76.0540, 53.4140



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 114.6820, -51.1700, 13.2620 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 114.6820, -51.1700, 13.2620 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

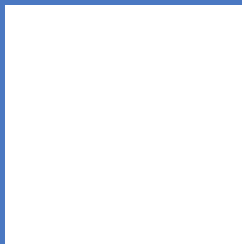
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 114.6820, -51.1700, 13.2620

Background



This preview shows how black text looks on a background with the YIQ color 114.6820, -51.1700, 13.2620.



This preview shows how white text looks on a background with the YIQ color 114.6820, -51.1700,

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

114.6820, -51.1700, 13.2620

Protanopia

117.6620, -39.2500, 17.5020

Deuteranopia

114.6820, -51.1700, 13.2620



Tritanopia

107.4370, -52.9990, -14.1750

Trichromacy



Original Color

114.6820, -51.1700, 13.2620

Protanomaly

116.5690, -43.4220, 16.0180

Deuteranomaly

114.6820, -51.1700, 13.2620

Tritanomaly

109.9460, -52.6340, -4.2660

Monochromacy



Original Color

114.6820, -51.1700, 13.2620

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9950, -18.7990, 4.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.6820, -51.1700, 13.2620 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(74, 120, 194)` looks like.

```
.text, #text, p{  
    color:rgb(74, 120, 194)  
}
```

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(74, 120, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 120, 194) }
```

Border

The CSS property to change the border of an element to YIQ 114.6820, -51.1700, 13.2620 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(74, 120, 194) }
```


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

```
.border{ border-color:rgb(74, 120, 194) }
```

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

Here you see how a box with a 4 pixel rgb(74, 120, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 120, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 120, 194);  
box-shadow:4px 4px 4px 4px rgb(74, 120,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 114.6820, -51.1700, 13.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 120, 194) }
```

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

```
.background{ background-color: rgb(74, 120,  
194) }
```

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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