

Converting Colors

YIQ(119.0030, -30.4450, 6.6030)

Have a look what the booklet for
YIQ(119.0030, -30.4450, 6.6030)
contains.

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Color

**YIQ(119.0030, -30.4450,
6.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7BA4
RGB	94, 123, 164
RGB Percent	37%, 48%, 64%
CMY	0.6314, 0.5176, 0.3570
CMYK	0.43, 0.25, 0.00, 0.36
HSL	215°, 28%, 51%
HSV	215°, 43%, 64%
XYZ	18.3968, 19.2270, 37.8451
YIQ	119.0030, -30.4450, 6.6030

Conversions

Conversions Part 2

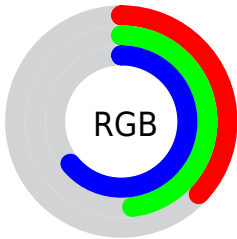
Format	Color
R_{YB}	94, 115, 164
Decimal	6192036
CIE _{Lab}	50.95, 0.64, -25.19
CIE _{LCh}	51, 25.194, 271.458
Yxy	19.2270, 0.2438, 0.2548
Android (android.graphics.Color)	4284382116 (0xFF5E7BA4)
YUV	119.0030, 22.1835, -21.9276
Hunter-Lab	43.8486, -1.8450, -20.4783

Details

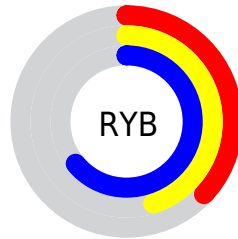
The YIQ color **119.0030, -30.4450, 6.6030** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **138.9970, 30.4450, -6.6030**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6440, -30.8120, 7.7480**, and **69.3510, -31.5450, 4.5110** is the 20% darker color. If you saturate the color by 10%, you get **108.3490, -37.2310, 8.4410**, and if you desaturate by 10%, it is **129.6570, -23.6590, 4.7650**.

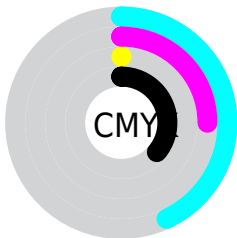
Distribution



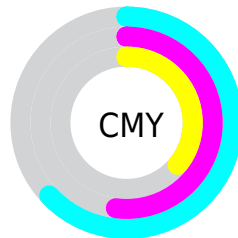
- Red (37%)
- Green (48%)
- Blue (64%)



- Red (37%)
- Yellow (45%)
- Blue (64%)



- Cyan (43%)
- Magenta (25%)
- Yellow (0%)
- Black (36%)



- Cyan (63%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0030, -30.4450, 6.6030 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 119.0030, -30.4450, 6.6030 by changing the saturation by 10% instead.

■ 119.0030,
-30.4450, 6.6030

■ 119.0030,
-30.4450, 6.6030

■ 255.0000, -0.0000,
-0.0000

■ 93.5900, -30.7200,
6.0800

■ 171.6440,
-30.8120, 7.7480

■ 69.3510, -31.5450,
4.5110

■ 199.7580,
-31.1330, 8.0590

■ 43.7310, -35.6710,
2.1930

■ 225.3640,
-24.3920, 1.5280

■ 25.4930, -29.0690,
3.6910

■ 247.8240,
-14.3040, -5.0880

■ 8.3100, -15.1320,
9.9240

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,

0.0000

■ 119.0030,
-30.4450, 6.6030

■ 119.0030,
-30.4450, 6.6030

■ 108.3490,
-37.2310, 8.4410

■ 129.6570,
-23.6590, 4.7650

■ 97.9830, -44.8880,
9.5440

■ 140.0230,
-16.0020, 3.6620

■ 87.3290, -51.6740,
11.3820

■ 150.6770, -9.2160,
1.8240

■ 76.9630, -59.3310,
12.4850

■ 161.0430, -1.5590,
0.7210

■ 66.3090, -66.1170,
14.3230

■ 171.6970, 5.2270,
-1.1170

■ 58.6120, -71.3440,
15.4400

■ 182.3510, 12.0130,
-2.9550

■ 192.7170, 19.6700,
-4.0580

■ 203.3710, 26.4560,
-5.8960

■ 213.7370, 34.1130,
-6.9990

Harmonies

Analogous

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



112.2730, -49.2410, -5.1850



119.0030, -30.4450, 6.6030



123.1910, -7.2470, 15.7050

Triad

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



119.0030, -30.4450, 6.6030



122.9460, 35.6230, 9.6950



114.3100, -16.2730, -18.9690

Complementary

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



119.0030, -30.4450, 6.6030



138.9970, 30.4450, -6.6030

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.



117.6130, 4.8630, -16.5530



119.0030, -30.4450, 6.6030



121.6540, 33.1490, -0.5390

Square

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



119.0030, -30.4450, 6.6030



123.8670, 28.8360, 17.0600



119.6970, 22.4220, -9.8820



110.5170, -38.7850, -18.4730

Rectangle

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



119.0030, -30.4450, 6.6030



124.7860, 7.1950, 18.2910



119.6970, 22.4220, -9.8820



115.7300, -8.7080, -18.4040

Sweetspot

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



119.0030, -30.4450, 6.6030



196.2360, -12.2880, 2.4320



139.7640, -32.4110, -23.8590



96.0470, -7.3820, 1.6260



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.



119.0030, -30.4450, 6.6030



143.8410, -47.3640, 10.3640



103.7740, -18.8940, 23.0420



76.3740, -3.9890, 0.7070



51.7500, -63.0450, 13.7150



6.1610, -7.7030, 1.9370

Inverse Universe

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



118.2360, 32.4110, 23.8590



142.7210, 50.5190, 37.1030



154.2260, 18.8940, -23.0420



76.1470, 4.0800, 3.1520



50.1950, 67.1600, 49.4000



6.1800, 8.4810, 5.9930

Previews

White Background



This preview shows how the YIQ color 119.0030, -30.4450, 6.6030 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 119.0030, -30.4450, 6.6030 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

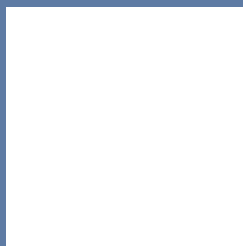
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.0030, -30.4450, 6.6030

Background



This preview shows how black text looks on a background with the YIQ color 119.0030, -30.4450, 6.6030.

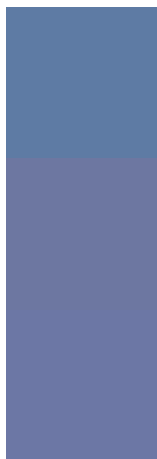


This preview shows how white text looks on a background with the YIQ color 119.0030, -30.4450,

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

119.0030, -30.4450, 6.6030

Protanopia

120.7980, -19.4420, 10.9420

Deuteranopia

120.9550, -21.3220, 11.9740



Tritanopia

116.8810, -27.6460, -5.5820

Trichromacy



Original Color

119.0030, -30.4450, 6.6030

Protanomaly

120.0040, -23.0180, 9.6700

Deuteranomaly

120.0470, -24.5770, 10.3910

Tritanomaly

117.6300, -28.1970, -1.1010

Monochromacy



Original Color

119.0030, -30.4450, 6.6030

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.7200, -10.7750, 2.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0030, -30.4450, 6.6030 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(94, 123, 164)` looks like.

```
.text, #text, p{  
    color:rgb(94, 123, 164)  
}
```

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(94, 123, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 123, 164) }
```

Border

The CSS property to change the border of an element to YIQ 119.0030, -30.4450, 6.6030 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(94, 123, 164) }
```


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

```
.border{ border-color:rgb(94, 123, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 123, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 123, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 123, 164);  
box-shadow:4px 4px 4px 4px rgb(94, 123,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0030, -30.4450, 6.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 123, 164) }
```

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

```
.background{ background-color: rgb(94, 123,  
164) }
```

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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