

Converting Colors

YIQ(119.5030, -35.0290, 1.5710)

Have a look what the booklet for
YIQ(119.5030, -35.0290, 1.5710)
contains.

YIQ(119.5030, -35.0290, 1.5710)	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(119.5030, -35.0290,
1.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	5780A1
RGB	87, 128, 161
RGB Percent	34%, 50%, 63%
CMY	0.6589, 0.4980, 0.3688
CMYK	0.46, 0.20, 0.00, 0.37
HSL	207°, 30%, 49%
HSV	207°, 46%, 63%
XYZ	18.0794, 20.0399, 36.6140
YIQ	119.5030, -35.0290, 1.5710

Conversions

Conversions Part 2

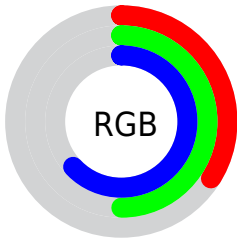
Format	Color
R _Y B	87, 113, 161
Decimal	5734561
CIE _{Lab}	51.88, -5.04, -22.04
CIE _{LCh}	52, 22.609, 257.113
Y _{xy}	20.0399, 0.2419, 0.2682
Android (android.graphics.Color)	4283924641 (0xFF5780A1)
Y _{UV}	119.5030, 20.4580, -28.5051
Hunter-Lab	44.7659, -6.2504, -17.1571

Details

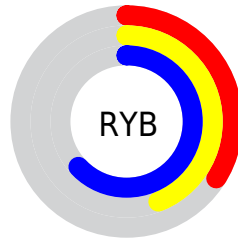
The YIQ color **119.5030, -35.0290, 1.5710** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **128.4970, 35.0290, -1.5710**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7310, -35.6710, 2.1930**, and **68.6660, -37.0460, -0.4220** is the 20% darker color. If you saturate the color by 10%, you get **110.6100, -42.6400, 1.8400**, and if you desaturate by 10%, it is **128.3960, -27.4180, 1.3020**.

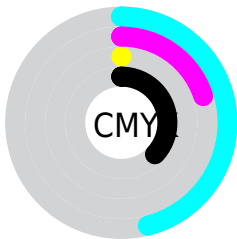
Distribution



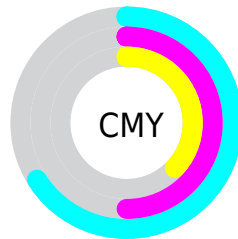
- Red (34%)
- Green (50%)
- Blue (63%)



- Red (34%)
- Yellow (44%)
- Blue (63%)



- Cyan (46%)
- Magenta (20%)
- Yellow (0%)
- Black (37%)



- Cyan (66%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.5030, -35.0290, 1.5710 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 119.5030, -35.0290, 1.5710 by changing the saturation by 10% instead.

■ 119.5030,
-35.0290, 1.5710

■ 119.5030,
-35.0290, 1.5710

■ 255.0000, -0.0000,
-0.0000

■ 94.0900, -35.3040,
1.0480

■ 172.7310,
-35.6710, 2.1930

■ 68.6660, -37.0460,
-0.4220

■ 200.1440,
-35.3960, 2.7160

■ 42.5620, -42.6850,
-2.8530

■ 226.2060,
-29.9390, -2.5710

■ 27.4990, -29.2060,
0.6660

■ 245.7310,
-18.4760, -6.5720

■ 12.1910, -16.4150,
5.6410

■ 254.7010, -0.5960,
-0.2120

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,

0.0000

■ 119.5030,
-35.0290, 1.5710

■ 119.5030,
-35.0290, 1.5710

■ 110.6100,
-42.6400, 1.8400

■ 128.3960,
-27.4180, 1.3020

■ 101.7170,
-50.2510, 2.1090

■ 137.2890,
-19.8070, 1.0330

■ 92.8240, -57.8620,
2.3780

■ 146.7690,
-12.4710, 0.2410

■ 83.3440, -65.1980,
3.1700

■ 155.6620, -4.8600,
-0.0280

■ 74.4510, -72.8090,
3.4390

■ 164.5550, 2.7510,
-0.2970

■ 70.5970, -76.1560,
3.5240

■ 173.7470, 10.9580,
-0.3540

■ 182.6400, 18.5690,
-0.6230

■ 191.5330, 26.1800,
-0.8920

■ 201.0130, 33.5160,
-1.6840

Harmonies

Analogous

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



114.4320, -45.4350, -8.0830



119.5030, -35.0290, 1.5710



124.2390, -16.3700, 10.3340

Triad

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



119.5030, -35.0290, 1.5710



126.1890, 30.6250, 12.1690



119.0510, -5.1780, -16.2980

Complementary

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



119.5030, -35.0290, 1.5710



128.4970, 35.0290, -1.5710

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.



121.4400, 12.8400, -12.4400



119.5030, -35.0290, 1.5710



124.5170, 32.2770, 4.2530

Square

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



119.5030, -35.0290, 1.5710



126.6750, 20.6290, 17.1170



123.5990, 25.8140, -5.2740



116.1720, -24.5720, -17.2440

Rectangle

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



119.5030, -35.0290, 1.5710



125.8170, -3.2580, 14.9980



123.5990, 25.8140, -5.2740



120.2860, 1.4700, -15.6340

Sweetspot

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



119.5030, -35.0290, 1.5710



192.6980, -13.7090, 0.6510



134.0860, -30.6220, -28.7500



94.9220, -8.5280, 0.3680



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.5030, -35.0290, 1.5710



144.6780, -54.5150, 2.2930



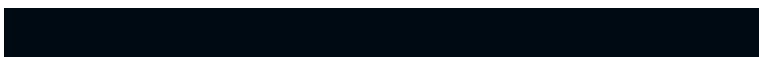
98.3710, -25.1290, 20.3990



76.9610, -4.2640, 0.1840



64.0770, -68.8200, 2.7320



7.9220, -8.5280, 0.3680

Inverse Universe

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



113.8000, 30.9430, 28.4390



135.6810, 47.9960, 44.2840



149.6290, 25.1290, -20.3990



76.2610, 3.7590, 3.4630



52.5890, 60.4190, 55.9310



6.5220, 7.5180, 6.9260

Previews

White Background



This preview shows how the YIQ color 119.5030, -35.0290, 1.5710 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 119.5030, -35.0290, 1.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

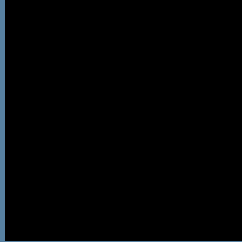
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

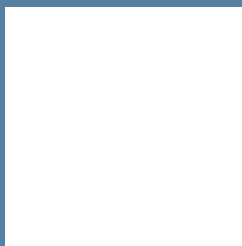
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.5030, -35.0290, 1.5710

Background



This preview shows how black text looks on a background with the YIQ color 119.5030, -35.0290, 1.5710.

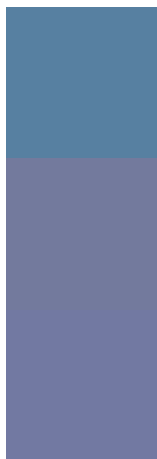


This preview shows how white text looks on a background with the YIQ color 119.5030, -35.0290,

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

119.5030, -35.0290, 1.5710

Protanopia

123.8970, -15.4070, 9.4010

Deuteranopia

123.5810, -17.3330, 11.2670



Tritanopia

117.3040, -33.3310, -7.1790

Trichromacy



Original Color

119.5030, -35.0290, 1.5710

Protanomaly

122.1950, -22.2380, 6.5460

Deuteranomaly

122.3520, -24.1180, 7.5780

Tritanomaly

118.1130, -34.1110, -4.0550

Monochromacy



Original Color

119.5030, -35.0290, 1.5710

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8830, -12.7920, 0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.5030, -35.0290, 1.5710 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(87, 128, 161)` looks like.

```
.text, #text, p{  
    color:rgb(87, 128, 161)  
}
```

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(87, 128, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 128, 161) }
```

Border

The CSS property to change the border of an element to YIQ 119.5030, -35.0290, 1.5710 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(87, 128, 161) }
```


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

```
.border{ border-color:rgb(87, 128, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 128, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 128, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 128, 161);  
box-shadow:4px 4px 4px 4px rgb(87, 128,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 119.5030, -35.0290, 1.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 128, 161) }
```

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

```
.background{ background-color: rgb(87, 128,  
161) }
```

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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