

Converting Colors

YIQ(123.5080, -5.9210, 35.7350)

Have a look what the booklet for
YIQ(123.5080, -5.9210, 35.7350)
contains.

YIQ(123.5080, -5.9210, 35.7350)	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(123.5080, -5.9210,
35.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	8C66BF
RGB	140, 102, 191
RGB Percent	55%, 40%, 75%
CMY	0.4508, 0.6001, 0.2511
CMYK	0.27, 0.47, 0.00, 0.25
HSL	266°, 41%, 57%
HSV	266°, 47%, 75%
XYZ	24.9727, 18.8389, 51.5967
YIQ	123.5080, -5.9210, 35.7350

Conversions

Conversions Part 2

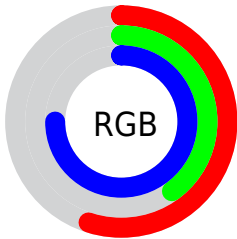
Format	Color
R _Y B	140, 102, 191
Decimal	9201343
CIE Lab	50.50, 33.61, -41.27
CIE LCh	50, 53.229, 309.159
Yxy	18.8389, 0.2617, 0.1975
Android (android.graphics.Color)	4287391423 (0xFF8C66BF)
YUV	123.5080, 33.2736, 14.4635
Hunter-Lab	43.4038, 26.7447, -40.0989

Details

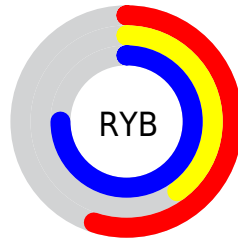
The YIQ color **123.5080, -5.9210, 35.7350** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **169.4920, 5.9210, -35.7350**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9750, -5.7380, 37.9260**, and **73.3290, -6.9750, 32.8090** is the 20% darker color. If you saturate the color by 10%, you get **109.0660, -7.2520, 43.3400**, and if you desaturate by 10%, it is **137.9500, -4.5900, 28.1300**.

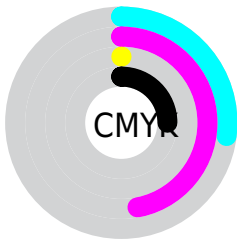
Distribution



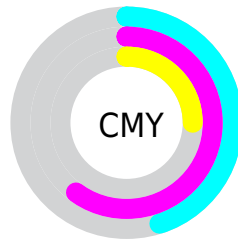
- Red (55%)
- Green (40%)
- Blue (75%)



- Red (55%)
- Yellow (40%)
- Blue (75%)



- Cyan (27%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.5080, -5.9210, 35.7350 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 123.5080, -5.9210, 35.7350 by changing the saturation by 10% instead.

123.5080, -5.9210,
35.7350

123.5080, -5.9210,
35.7350

255.0000, -0.0000,
-0.0000

97.6820, -6.4710,
34.6890

176.9750, -5.7380,
37.9260

73.3290, -6.9750,
32.8090

202.2930, 1.8740,
32.1300

49.0900, -7.8000,
31.2400

227.4000, 11.4580,
23.6340

24.3780, -8.6710,
30.5050

244.4340, 4.9500,
9.4140

11.3680, -11.8790,
22.5610

6.3210, -13.6650,
10.8710

2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 123.5080, -5.9210,
35.7350

■ 123.5080, -5.9210,
35.7350

■ 109.0660, -7.2520,
43.3400

■ 137.9500, -4.5900,
28.1300

■ 94.6240, -8.5830,
50.9450

■ 152.3920, -3.2590,
20.5250

■ 80.1820, -9.9140,
58.5500

■ 166.8340, -1.9280,
12.9200

■ 65.7400, -11.2450,
66.1550

■ 181.2760, -0.5970,
5.3150

■ 50.7110, -12.3010,
74.2830

■ 195.7180, 0.7340,
-2.2900

■ 46.2920, -12.4390,
76.7850

■ 210.7470, 1.7900,
-10.4180

■ 225.1890, 3.1210,
-18.0230

■ 239.3320, 3.8560,
-25.8400

■ 242.6210, 10.4120,
-23.5080

Harmonies

Analogous

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



108.4220, -73.8650, 11.5670



123.5080, -5.9210, 35.7350



121.4780, 38.3220, 43.3940

Triad

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



123.5080, -5.9210, 35.7350



116.1730, 61.9440, -10.2800



98.5160, -81.7430, -32.9030

Complementary

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



123.5080, -5.9210, 35.7350



169.4920, 5.9210, -35.7350

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.



91.9840, -66.1060, -46.4740



123.5080, -5.9210, 35.7350



112.3080, 38.7940, -31.2700

Square

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



123.5080, -5.9210, 35.7350



117.3710, 71.1550, 15.5310



107.3060, -2.4230, -38.7030



102.2440, -94.9960, -18.4840

Rectangle

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



123.5080, -5.9210, 35.7350



118.1350, 58.2210, 40.6930



107.3060, -2.4230, -38.7030



96.1050, -76.3320, -37.3560

Sweetspot

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



123.5080, -5.9210, 35.7350



221.3610, -1.9740, 13.7540



142.6700, -42.8690, 0.4830



109.0850, -1.3770, 8.4390



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



123.5080, -5.9210, 35.7350



142.3730, -9.1340, 55.4260



136.6640, 20.3030, 45.0630



87.2220, -0.5050, 3.6470



38.3440, -10.1900, 63.5540



7.4210, -2.2030, 12.3970

Inverse Universe

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



134.4250, 36.6730, 34.7290



159.2680, 56.8890, 53.8250



156.3360, -20.3030, -45.0630



88.2610, 3.7590, 3.4630



57.5020, 65.2780, 61.4860



11.3210, 12.6980, 12.1700

Previews

White Background



This preview shows how the YIQ color 123.5080, -5.9210, 35.7350 looks on a white background.

Color Contrast Check

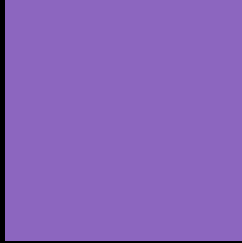
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.5080, -5.9210, 35.7350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

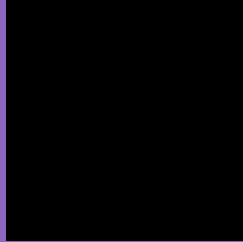
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.5080, -5.9210, 35.7350

Background



This preview shows how black text looks on a background with the YIQ color 123.5080, -5.9210, 35.7350.



This preview shows how white text looks on a background with the YIQ color 123.5080, -5.9210,

35.7350.

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

123.5080, -5.9210, 35.7350

Protanopia

116.8660, -48.5120, 20.1600

Deuteranopia

117.1730, -42.3670, 13.4170



Tritanopia

121.3150, 3.6670, 5.1310

Trichromacy



Original Color

123.5080, -5.9210, 35.7350

Protanomaly

119.6400, -33.0160, 25.6720

Deuteranomaly

119.1580, -28.8430, 21.6290

Tritanomaly

122.3120, -0.2780, 16.0580

Monochromacy



Original Color

123.5080, -5.9210, 35.7350

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.8340, -1.9280, 12.9200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.5080, -5.9210, 35.7350 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(140, 102, 191)` looks like.

```
.text, #text, p{  
    color:rgb(140, 102, 191)  
}
```

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(140, 102, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 102, 191) }
```

Border

The CSS property to change the border of an element to YIQ 123.5080, -5.9210, 35.7350 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(140, 102, 191) }
```


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

```
.border{ border-color:rgb(140, 102, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 102, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 102, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 102, 191);  
box-shadow:4px 4px 4px 4px rgb(140, 102,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 123.5080, -5.9210, 35.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 102, 191) }
```

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

```
.background{ background-color: rgb(140,  
102, 191) }
```

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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