

Converting Colors

YIQ(127.6820, -6.4710, 34.6890)

Have a look what the booklet for
YIQ(127.6820, -6.4710, 34.6890)
contains.

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Color

**YIQ(127.6820, -6.4710,
34.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6BC2
RGB	143, 107, 194
RGB Percent	56%, 42%, 76%
CMY	0.4391, 0.5804, 0.2393
CMYK	0.26, 0.45, 0.00, 0.24
HSL	265°, 42%, 59%
HSV	265°, 45%, 76%
XYZ	26.3249, 20.2491, 53.5459
YIQ	127.6820, -6.4710, 34.6890

Conversions

Conversions Part 2

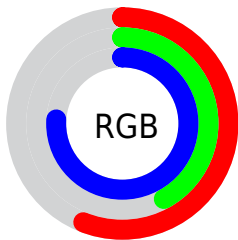
Format	Color
R _Y B	143, 107, 194
Decimal	9399234
CIE _{Lab}	52.12, 32.31, -40.42
CIE _{LCh}	52, 51.748, 308.638
Y _{xy}	20.2491, 0.2629, 0.2022
Android (android.graphics.Color)	4287589314 (0xFF8F6BC2)
YUV	127.6820, 32.6948, 13.4339
Hunter-Lab	44.9990, 25.6764, -39.0521

Details

The YIQ color $127.6820, -6.4710, 34.6890$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $173.3180, 6.4710, -34.6890$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $181.1490, -6.2880, 36.8800$, and $77.5030, -7.5250, 31.7630$ is the 20% darker color. If you saturate the color by 10%, you get $113.2400, -7.8020, 42.2940$, and if you desaturate by 10%, it is $142.1240, -5.1400, 27.0840$.

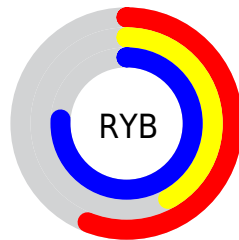
Distribution



Red (56%)

Green (42%)

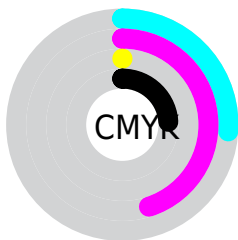
Blue (76%)



Red (56%)

Yellow (42%)

Blue (76%)

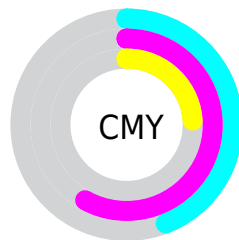


Cyan (26%)

Magenta (45%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (58%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6820, -6.4710, 34.6890 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 127.6820, -6.4710, 34.6890 by changing the saturation by 10% instead.

127.6820, -6.4710,
34.6890

127.6820, -6.4710,
34.6890

255.0000, -0.0000,
-0.0000

101.8560, -7.0210,
33.6430

181.4480, -5.6920,
37.0920

76.9160, -7.2500,
32.2860

206.1250, 2.2870,
30.1510

53.2640, -8.3500,
30.1940

230.9330, 11.2750,
21.4430

29.1390, -9.4960,
28.9360

247.9560, 3.3000,
6.2760

11.8950, -11.9250,
23.3950

6.5490, -14.3070,
11.4930

2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 127.6820, -6.4710,
34.6890

■ 127.6820, -6.4710,
34.6890

■ 113.2400, -7.8020,
42.2940

■ 142.1240, -5.1400,
27.0840

■ 97.9120, -9.4540,
50.2100

■ 157.4520, -3.4880,
19.1680

■ 83.4700, -10.7850,
57.8150

■ 171.8940, -2.1570,
11.5630

■ 68.4410, -11.8410,
65.9430

■ 186.9230, -1.1010,
3.4350

■ 53.7000, -13.7680,
73.3360

■ 201.6640, 0.8260,
-3.9580

46.0360, -14.5940,
77.2940

216.1060, 2.1570,
-11.5630

231.4340, 3.8090,
-19.4790

241.7670, 7.0650,
-23.4230

245.0560, 13.6210,
-21.0910

Harmonies

Analogous

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



113.9880, -69.6470, 12.2170



127.6820, -6.4710, 34.6890



126.4670, 36.8550, 42.4470

Triad

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



127.6820, -6.4710, 34.6890



120.6290, 60.6600, -9.0360



101.2060, -83.8060, -34.0620

Complementary

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



127.6820, -6.4710, 34.6890



173.3180, 6.4710, -34.6890

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.



94.2010, -68.2150, -46.7990



127.6820, -6.4710, 34.6890



117.5900, 38.0600, -28.9800

Square

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



127.6820, -6.4710, 34.6890



121.8870, 69.6420, 15.4180



112.4310, -1.2770, -37.4450



104.9340, -97.0590, -19.6430

Rectangle

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



127.6820, -6.4710, 34.6890



123.7110, 56.4790, 39.2230



112.4310, -1.2770, -37.4450



98.9090, -78.7160, -38.2040

Sweetspot

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



127.6820, -6.4710, 34.6890



227.5350, -2.5240, 12.7080



147.4420, -42.2270, -0.1390



112.0850, -1.3770, 8.4390



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.



127.6820, -6.4710, 34.6890



148.5470, -9.6840, 54.3800



140.2400, 18.5610, 43.5930



89.3360, -0.8260, 3.9580



38.3870, -11.7490, 64.2750



7.9480, -2.2490, 13.2310

Inverse Universe

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



138.8270, 35.4810, 34.3050



165.7840, 55.3760, 53.7120



160.7600, -18.5610, -43.5930



90.6740, 4.0340, 3.9860



58.8550, 65.7820, 63.3660



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 127.6820, -6.4710, 34.6890 looks on a white background.

Color Contrast Check

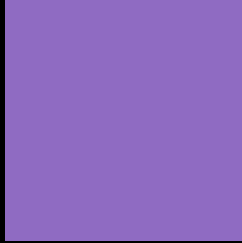
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6820, -6.4710, 34.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

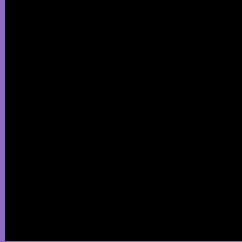
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.6820, -6.4710, 34.6890

Background



This preview shows how black text looks on a background with the YIQ color 127.6820, -6.4710, 34.6890.



This preview shows how white text looks on a background with the YIQ color 127.6820, -6.4710,

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

127.6820, -6.4710, 34.6890

Protanopia

121.8230, -46.9530, 19.4390

Deuteranopia

121.9560, -40.2580, 13.7420



Tritanopia

125.1300, 2.7500, 5.2300

Trichromacy



Original Color

127.6820, -6.4710, 34.6890

Protanomaly

124.2980, -32.0530, 24.7390

Deuteranomaly

124.2290, -27.6050, 21.2190

Tritanomaly

126.0130, -0.8740, 15.8460

Monochromacy



Original Color

127.6820, -6.4710, 34.6890

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.5350, -2.5240, 12.7080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6820, -6.4710, 34.6890 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(143, 107, 194)` looks like.

```
.text, #text, p{  
    color:rgb(143, 107, 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(143, 107, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 107, 194) }
```

Border

The CSS property to change the border of an element to YIQ 127.6820, -6.4710, 34.6890 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(143, 107, 194) }
```


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

```
.border{ border-color:rgb(143, 107, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 107, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 107, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 107, 194);  
box-shadow:4px 4px 4px 4px rgb(143, 107,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6820, -6.4710, 34.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 107, 194) }
```

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

```
.background{ background-color: rgb(143,  
107, 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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