

Converting Colors

YIQ(121.0610, -0.8290, 20.5390)

Have a look what the booklet for
YIQ(121.0610, -0.8290, 20.5390)
contains.

YIQ(121.0610, -0.8290, 20.5390)	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(121.0610, -0.8290,
20.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	856C9D
RGB	133, 108, 157
RGB Percent	52%, 42%, 62%
CMY	0.4783, 0.5765, 0.3844
CMYK	0.15, 0.31, 0.00, 0.38
HSL	271°, 20%, 52%
HSV	271°, 31%, 62%
XYZ	21.1229, 18.1453, 34.2827
YIQ	121.0610, -0.8290, 20.5390

Conversions

Conversions Part 2

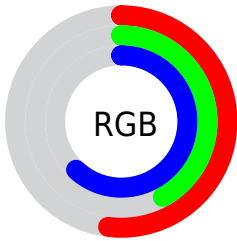
Format	Color
R_{YB}	133, 108, 157
Decimal	8744093
CIE _{Lab}	49.67, 19.79, -22.83
CIE _{LCh}	50, 30.217, 310.917
Yxy	18.1453, 0.2872, 0.2467
Android (android.graphics.Color)	4286934173 (0xFF856C9D)
YUV	121.0610, 17.7179, 10.4705
Hunter-Lab	42.5973, 13.9681, -17.8990

Details

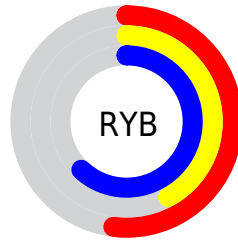
The YIQ color $121.0610, -0.8290, 20.5390$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $143.9390, 0.8290, -20.5390$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $174.0010, -0.6000, 21.8960$, and $72.0070, -0.7370, 18.8710$ is the 20% darker color. If you saturate the color by 10%, you get $109.2770, -1.1970, 27.2110$, and if you desaturate by 10%, it is $132.8450, -0.4610, 13.8670$.

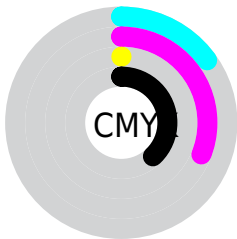
Distribution



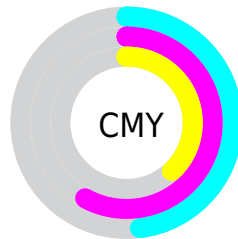
- Red (52%)
- Green (42%)
- Blue (62%)



- Red (52%)
- Yellow (42%)
- Blue (62%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (38%)



- Cyan (48%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.0610, -0.8290, 20.5390 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 121.0610, -0.8290, 20.5390 by changing the saturation by 10% instead.

■ 121.0610, -0.8290,
20.5390

■ 121.0610, -0.8290,
20.5390

■ 255.0000, -0.0000,
-0.0000

■ 96.2350, -1.3790,
19.4930

■ 174.0010, -0.6000,
21.8960

■ 72.0070, -0.7370,
18.8710

■ 201.4140, -0.3250,
22.4190

■ 49.1810, -1.2870,
17.8250

■ 227.3450, 4.1230,
18.8990

■ 27.3550, -1.8370,
16.7790

■ 247.9560, 3.3000,
6.2760

■ 9.6000, -1.1490,
15.3230

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,

0.0000

■ 121.0610, -0.8290,
20.5390

■ 121.0610, -0.8290,
20.5390

■ 109.2770, -1.1970,
27.2110

■ 132.8450, -0.4610,
13.8670

■ 98.3790, -1.2440,
33.5720

■ 143.7430, -0.4140,
7.5060

■ 86.5950, -1.6120,
40.2440

■ 155.5270, -0.0460,
0.8340

■ 74.8110, -1.9800,
46.9160

■ 167.3110, 0.3220,
-5.8380

■ 63.3260, -1.7520,
53.8000

■ 178.2090, 0.3690,
-12.1990

■ 52.1290, -2.3950,
59.9490

■ 189.9930, 0.7370,
-18.8710

■ 41.8180, -2.7170,
65.7870

■ 201.7770, 1.1050,
-25.5430

■ 213.2620, 0.8770,
-32.4270

■ 224.4590, 1.5200,
-38.5760

Harmonies

Analogous

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



116.5350, -28.8870, 11.4090



121.0610, -0.8290, 20.5390



121.3320, 23.3330, 23.1810

Triad

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



121.0610, -0.8290, 20.5390



117.6880, 35.8090, -4.6950



98.5400, -63.9550, -24.8750

Complementary

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



121.0610, -0.8290, 20.5390



143.9390, 0.8290, -20.5390

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.



107.7320, -29.3850, -23.6330



121.0610, -0.8290, 20.5390



115.7520, 20.5890, -15.2110

Square

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



121.0610, -0.8290, 20.5390



118.7140, 42.0880, 8.1680



111.8570, -1.8760, -21.0760



93.5240, -84.2210, -21.0290

Rectangle

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



121.0610, -0.8290, 20.5390



120.6120, 34.1080, 20.6360



111.8570, -1.8760, -21.0760



102.2980, -51.5300, -24.2820

Sweetspot

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



121.0610, -0.8290, 20.5390



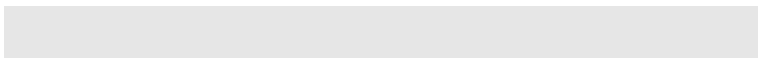
190.7430, -0.4140, 7.5060



127.6740, -22.3290, 2.6870



94.0480, 0.0450, 4.6930



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



121.0610, -0.8290, 20.5390



148.9120, -1.4270, 31.3810



128.2370, 13.4750, 25.6270



73.1080, -0.1840, 3.3360



38.1290, -2.3950, 59.9490



4.1020, -0.0470, 6.3610

Inverse Universe

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



125.3870, 21.5000, 17.8520



155.5290, 33.1440, 27.0960



136.7630, -13.4750, -25.6270



73.8480, 3.4840, 2.9400



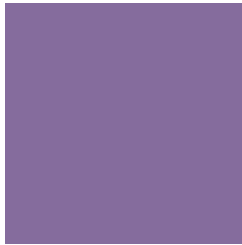
50.7370, 62.7580, 52.0860



5.2830, 6.6930, 5.3570

Previews

White Background



This preview shows how the YIQ color 121.0610, -0.8290, 20.5390 looks on a white 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

Black Background



This preview shows how the YIQ color 121.0610, -0.8290, 20.5390 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 121.0610, -0.8290, 20.5390

Background



This preview shows how black text looks on a background with the YIQ color 121.0610, -0.8290, 20.5390.



This preview shows how white text looks on a background with the YIQ color 121.0610, -0.8290,

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

121.0610, -0.8290, 20.5390

Protanopia

118.4710, -22.8350, 11.8610

Deuteranopia

118.6520, -16.0950, 10.8570



Tritanopia

119.9130, 4.8590, 5.5550

Trichromacy



Original Color

121.0610, -0.8290, 20.5390

Protanomaly

119.6570, -14.4910, 14.8290

Deuteranomaly

119.3970, -10.8230, 14.4330

Tritanomaly

120.1180, 3.0240, 11.2800

Monochromacy



Original Color

121.0610, -0.8290, 20.5390

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7430, -0.4140, 7.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.0610, -0.8290, 20.5390 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(133, 108, 157)` looks like.

```
.text, #text, p{  
    color:rgb(133, 108, 157)  
}
```

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(133, 108, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 108, 157) }
```

Border

The CSS property to change the border of an element to YIQ 121.0610, -0.8290, 20.5390 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(133, 108, 157) }
```


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

```
.border{ border-color:rgb(133, 108, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 108, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 108, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 108, 157);  
box-shadow:4px 4px 4px 4px rgb(133, 108,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 121.0610, -0.8290, 20.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 108, 157) }
```

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

```
.background{ background-color: rgb(133,  
108, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor