

Converting Colors

YIQ(108.8210, -25.1350,
53.5610)

Have a look what the booklet for
YIQ(108.8210, -25.1350, 53.5610)
contains.

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Color

**YIQ(108.8210, -25.1350,
53.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	7651E4
RGB	118, 81, 228
RGB Percent	46%, 32%, 89%
CMY	0.5371, 0.6824, 0.1061
CMYK	0.48, 0.64, 0.00, 0.11
HSL	255°, 73%, 61%
HSV	255°, 64%, 89%
XYZ	24.4148, 15.3358, 75.0324
YIQ	108.8210, -25.1350, 53.5610

Conversions

Conversions Part 2

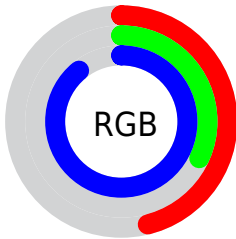
Format	Color
R _Y B	118, 81, 228
Decimal	7754212
CIE Lab	46.09, 50.21, -69.60
CIE LCh	46, 85.821, 305.805
Yxy	15.3358, 0.2127, 0.1336
Android (android.graphics.Color)	4285944292 (0xFF7651E4)
YUV	108.8210, 58.7552, 8.0500
Hunter-Lab	39.1609, 42.7537, -86.1872

Details

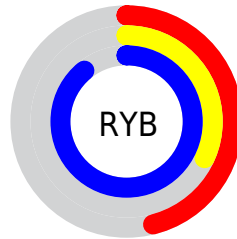
The YIQ color **108.8210, -25.1350, 53.5610** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **200.1790, 25.1350, -53.5610**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4770, -12.6630, 47.7930**, and **54.7230, -30.9110, 48.1050** is the 20% darker color. If you saturate the color by 10%, you get **90.2370, -28.9420, 61.9860**, and if you desaturate by 10%, it is **127.4050, -21.3280, 45.1360**.

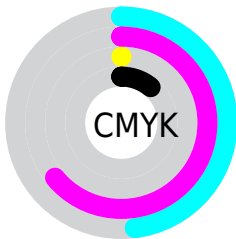
Distribution



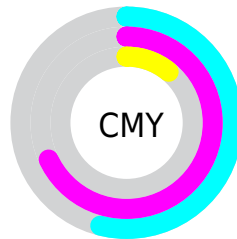
- Red (46%)
- Green (32%)
- Blue (89%)



- Red (46%)
- Yellow (32%)
- Blue (89%)



- Cyan (48%)
- Magenta (64%)
- Yellow (0%)
- Black (11%)



- Cyan (54%)
- Magenta (68%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.8210, -25.1350, 53.5610 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 108.8210, -25.1350, 53.5610 by changing the saturation by 10% instead.

■ 108.8210,
-25.1350, 53.5610

■ 108.8210,
-25.1350, 53.5610

■ 255.0000, -0.0000,
-0.0000

■ 81.8700, -26.8310,
51.2570

■ 159.4770,
-12.6630, 47.7930

■ 54.7230, -30.9110,
48.1050

■ 184.2960, -2.2080,
40.0320

■ 19.0630, -46.7280,
42.9040

■ 209.7020, 7.9720,
31.7480

■ 13.4520, -37.8780,
36.6980

■ 231.5200, 11.0000,
20.9200

■ 10.4880, -29.5320,
28.6120

■ 247.9560, 3.3000,
6.2760

■ 11.7470, -23.4320,
17.1760

■ 6.7770, -14.9490,

12.1150

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 108.8210,
-25.1350, 53.5610

■ 108.8210,
-25.1350, 53.5610

■ 90.2370, -28.9420,
61.9860

■ 127.4050,
-21.3280, 45.1360

■ 71.6530, -32.7490,
70.4110

■ 145.9890,
-17.5210, 36.7110

■ 53.6560, -36.8310,
78.3130

■ 163.9860,
-13.4390, 28.8090

■ 43.0350, -39.2160,
82.9920

■ 182.5700, -9.6320,
20.3840

■ 201.1540, -5.8250,
11.9590

■ 219.7380, -2.0180,
3.5340

■ 238.3220, 1.7890,
-4.8910

■ 251.6230, 8.0710,
-8.6090

■ 251.9220, 8.6670,
-8.3970

Harmonies

Analogous

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



96.5750, -113.4800, 19.1600



108.8210, -25.1350, 53.5610



79.7780, 65.8220, 95.6940

Triad

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



108.8210, -25.1350, 53.5610



101.0680, 84.4090, -4.4150



94.3270, -76.8370, -33.7090

Complementary

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



108.8210, -25.1350, 53.5610



200.1790, 25.1350, -53.5610

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.



83.6740, -50.9740, -56.3980



108.8210, -25.1350, 53.5610



101.3360, 41.5910, -32.4010

Square

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



108.8210, -25.1350, 53.5610



78.6410, 115.3940, 45.2980



84.1170, -15.8530, -59.6370



103.0080, -99.9030, -12.1510

Rectangle

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



108.8210, -25.1350, 53.5610



81.2970, 94.6170, 85.9530



84.1170, -15.8530, -59.6370



91.4770, -68.8120, -41.4840

Sweetspot

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



108.8210, -25.1350, 53.5610



216.0600, -8.2560, 17.4720



162.3280, -77.4370, -11.8130



103.8120, -4.8620, 11.0260



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.



108.8210, -25.1350, 53.5610



95.9950, -33.7120, 71.3440



130.6480, 18.3730, 69.0370



105.2650, -2.0640, 4.3680



33.8610, -30.6390, 65.2090



9.7010, -8.6230, 18.6170

Inverse Universe

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



137.4930, 52.3020, 65.3740



134.2480, 69.9500, 86.9580



178.3520, -18.3730, -69.0370



107.6140, 4.2630, 5.3430



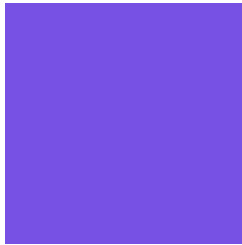
68.6830, 63.9910, 79.3110



19.5810, 18.1980, 22.6300

Previews

White Background



This preview shows how the YIQ color 108.8210, -25.1350, 53.5610 looks on a white background.

Color Contrast Check

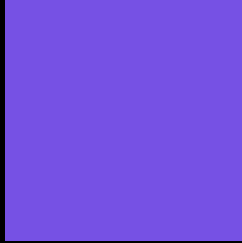
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.8210, -25.1350, 53.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

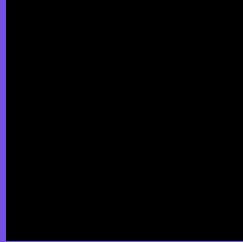
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.8210, -25.1350, 53.5610

Background



This preview shows how black text looks on a background with the YIQ color 108.8210, -25.1350, 53.5610.



This preview shows how white text looks on a background with the YIQ color 108.8210, -25.1350,

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

108.8210, -25.1350, 53.5610

Protanopia

86.9430, -100.1370, 14.1270

Deuteranopia

87.7460, -92.7530, 1.4470



Tritanopia

106.5510, -17.7890, -2.5010

Trichromacy



Original Color

108.8210, -25.1350, 53.5610

Protanomaly

94.7450, -72.6760, 28.5720

Deuteranomaly

95.6280, -68.2730, 20.3590

Tritanomaly

107.2420, -20.4520, 18.2360

Monochromacy



Original Color

108.8210, -25.1350, 53.5610

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9290, -9.2650, 19.2390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.8210, -25.1350, 53.5610 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(118, 81, 228)` looks like.

```
.text, #text, p{  
    color:rgb(118, 81, 228)  
}
```

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(118, 81, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 81, 228) }
```

Border

The CSS property to change the border of an element to YIQ 108.8210, -25.1350, 53.5610 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(118, 81, 228) }
```


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

```
.border{ border-color:rgb(118, 81, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 81, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 81, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 81, 228);  
box-shadow:4px 4px 4px 4px rgb(118, 81,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 108.8210, -25.1350, 53.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 81, 228) }
```

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

```
.background{ background-color: rgb(118, 81,  
228) }
```

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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