

Converting Colors

YIQ(62.8150, -15.8300, 66.6500)

Have a look what the booklet for
YIQ(62.8150, -15.8300, 66.6500)
contains.

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Color

**YIQ(62.8150, -15.8300,
66.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	5918C2
RGB	89, 24, 194
RGB Percent	35%, 9%, 76%
CMY	0.6507, 0.9060, 0.2394
CMYK	0.54, 0.88, 0.00, 0.24
HSL	263°, 78%, 43%
HSV	263°, 88%, 76%
XYZ	14.1843, 6.6721, 51.5500
YIQ	62.8150, -15.8300, 66.6500

Conversions

Conversions Part 2

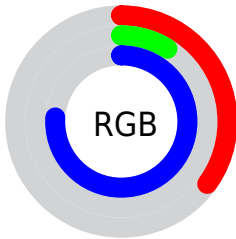
Format	Color
R_{YB}	89, 24, 194
Decimal	5839042
CIE _{Lab}	31.05, 62.42, -74.76
CIE _{LCh}	31, 97.391, 309.858
Yxy	6.6721, 0.1959, 0.0921
Android (android.graphics.Color)	4284029122 (0xFF5918C2)
YUV	62.8150, 64.6742, 22.9642
Hunter-Lab	25.8304, 52.8168, -100.2442

Details

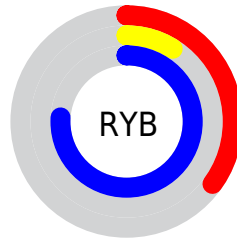
The YIQ color **62.8150, -15.8300, 66.6500** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **155.1850, 15.8300, -66.6500**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.1250, -13.7670, 67.8090**, and **16.1450, -44.0230, 43.4410** is the 20% darker color. If you saturate the color by 10%, you get **48.0740, -17.7570, 74.0430**, and if you desaturate by 10%, it is **77.5560, -13.9030, 59.2570**.

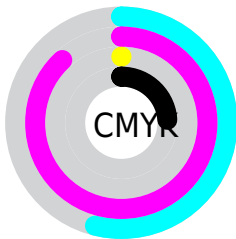
Distribution



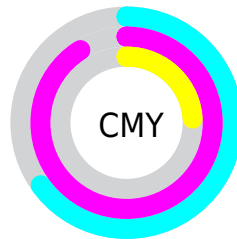
- Red (35%)
- Green (9%)
- Blue (76%)



- Red (35%)
- Yellow (9%)
- Blue (76%)



- Cyan (54%)
- Magenta (88%)
- Yellow (0%)
- Black (24%)



- Cyan (65%)
- Magenta (91%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.8150, -15.8300, 66.6500 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 62.8150, -15.8300, 66.6500 by changing the saturation by 10% instead.

62.8150, -15.8300,
66.6500

62.8150, -15.8300,
66.6500

255.0000, -0.0000,
-0.0000

35.6680, -19.9100,
63.4980

121.1250,
-13.7670, 67.8090

16.1450, -44.0230,
43.4410

145.6990, -4.0000,
61.5040

12.7680, -35.9520,
34.8320

170.5180, 6.4550,
53.7430

9.9180, -27.9270,
27.0570

195.9240, 16.6350,
45.4590

10.5900, -21.5520,
16.1440

216.8450, 17.8750,
33.9950


6.2070, -13.3440,
10.5600

233.2810, 10.1750,


2.5250, -5.7320,


19.3510


4.7640


 250.8910, 1.9250,
3.6610


 0.0000, 0.0000,
0.0000


 62.8150, -15.8300,
66.6500


 62.8150, -15.8300,
66.6500

 48.0740, -17.7570,
74.0430

 77.5560, -13.9030,
59.2570

 44.2420, -18.1700,
76.0220

 92.8840, -12.2510,
51.3410

 107.6250,
-10.3240, 43.9480

 122.9530, -8.6720,
36.0320

 137.6940, -6.7450,
28.6390

■ 152.4350, -4.8180,
21.2460

■ 167.7630, -3.1660,
13.3300

■ 182.5040, -1.2390,
5.9370

■ 197.8320, 0.4130,
-1.9790

Harmonies

Analogous

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



72.5930, -95.5550, 30.2130



62.8150, -15.8300, 66.6500



66.5040, 62.9370, 76.3850

Triad

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



62.8150, -15.8300, 66.6500



66.4590, 64.5550, 2.9790



68.6980, -58.4080, -20.7760

Complementary

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



62.8150, -15.8300, 66.6500



155.1850, 15.8300, -66.6500

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.



56.6770, -28.6930, -47.1970



62.8150, -15.8300, 66.6500



66.4060, 18.2070, -27.1130

Square

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



62.8150, -15.8300, 66.6500



52.0260, 103.7040, 36.8880



53.4170, -25.0250, -47.5930



78.3080, -82.7120, 1.1920

Rectangle

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



62.8150, -15.8300, 66.6500



66.3000, 89.3940, 64.9620



53.4170, -25.0250, -47.5930



65.0330, -49.4660, -28.6500

Sweetspot

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



62.8150, -15.8300, 66.6500



201.8850, -5.9650, 25.5150



106.7760, -84.2700, -3.6140



97.0450, -3.9000, 15.6200



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.



62.8150, -15.8300, 66.6500



57.7310, -23.0800, 98.9360



87.3330, 33.0420, 84.0340



89.3360, -0.8260, 3.9580



36.8920, -14.7290, 63.2150



7.6490, -2.8450, 13.0190

Inverse Universe

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



86.8000, 67.6150, 68.6950



93.1320, 100.1160, 101.9400



130.6670, -33.0420, -84.0340



90.6740, 4.0340, 3.9860



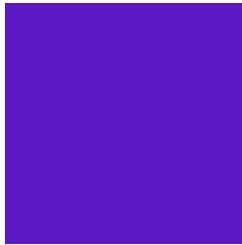
59.4250, 64.1770, 64.9210



12.1470, 13.2480, 13.2160

Previews

White Background



This preview shows how the YIQ color 62.8150, -15.8300, 66.6500 looks on a white background.

Color Contrast Check

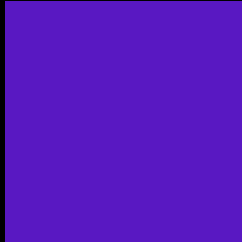
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 62.8150, -15.8300, 66.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

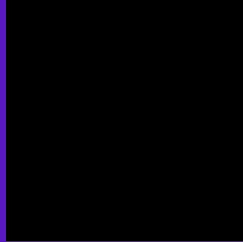
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.8150, -15.8300, 66.6500

Background



This preview shows how black text looks on a background with the YIQ color 62.8150, -15.8300, 66.6500.



This preview shows how white text looks on a background with the YIQ color 62.8150, -15.8300,

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

62.8150, -15.8300, 66.6500

Protanopia

58.7770, -67.6750, 9.5170

Tritanopia

71.2090, -16.8260, -3.4340

Trichromacy



Original Color

62.8150, -15.8300, 66.6500

Protanomaly

60.1900, -49.0640, 30.1680

Tritanomaly

67.9160, -16.4180, 22.2220

Monochromacy



Original Color

62.8150, -15.8300, 66.6500

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9450, -6.1940, 24.1580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.8150, -15.8300, 66.6500 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(89, 24, 194)` looks like.

```
.text, #text, p{  
    color:rgb(89, 24, 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(89, 24, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 24, 194) }
```

Border

The CSS property to change the border of an element to YIQ 62.8150, -15.8300, 66.6500 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(89, 24, 194) }
```

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

```
.border{ border-color:rgb(89, 24, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 24, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 24, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 24, 194);  
box-shadow:4px 4px 4px 4px rgb(89, 24,  
194) }
```


Background

The CSS property to change the background color of an element to YIQ 62.8150, -15.8300, 66.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 24, 194) }
```

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

```
.background{ background-color: rgb(89, 24,  
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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