

Converting Colors

YIQ(67.6090, -12.2540, 67.9220)

Have a look what the booklet for
YIQ(67.6090, -12.2540, 67.9220)
contains.

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Color

**YIQ(67.6090, -12.2540,
67.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	621BC5
RGB	98, 27, 197
RGB Percent	38%, 11%, 77%
CMY	0.6154, 0.8942, 0.2276
CMYK	0.50, 0.86, 0.00, 0.23
HSL	265°, 76%, 44%
HSV	265°, 86%, 77%
XYZ	15.5086, 7.4122, 53.4090
YIQ	67.6090, -12.2540, 67.9220

Conversions

Conversions Part 2

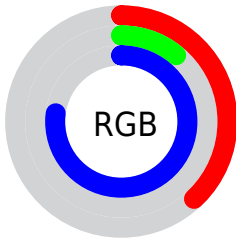
Format	Color
RYB	98, 27, 197
Decimal	6429637
CIELab	32.73, 63.19, -73.72
CIElCh	33, 97.093, 310.603
Yxy	7.4122, 0.2032, 0.0971
Android (android.graphics.Color)	4284619717 (0xFF621BC5)
YUV	67.6090, 63.7898, 26.6529
Hunter-Lab	27.2254, 54.0361, -97.2537

Details

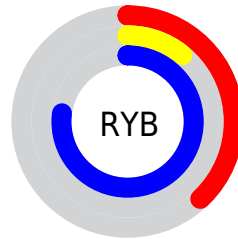
The YIQ color **67.6090, -12.2540, 67.9220** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **156.3910, 12.2540, -67.9220**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.6200, -10.7870, 68.8690**, and **24.2610, -29.4900, 49.8860** is the 20% darker color. If you saturate the color by 10%, you get **52.5800, -13.3100, 76.0500**, and if you desaturate by 10%, it is **82.9370, -10.6020, 60.0060**.

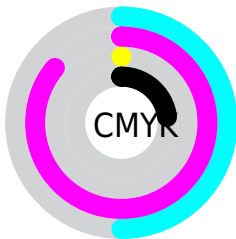
Distribution



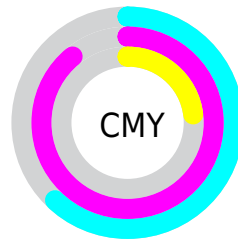
- Red (38%)
- Green (11%)
- Blue (77%)



- Red (38%)
- Yellow (11%)
- Blue (77%)



- Cyan (50%)
- Magenta (86%)
- Yellow (0%)
- Black (23%)



- Cyan (62%)
- Magenta (89%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.6090, -12.2540, 67.9220 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 67.6090, -12.2540, 67.9220 by changing the saturation by 10% instead.

67.6090, -12.2540,
67.9220

67.6090, -12.2540,
67.9220

255.0000, -0.0000,
-0.0000

39.0000, -14.9130,
66.5510

125.6200,
-10.7870, 68.8690

24.2610, -29.4900,
49.8860

150.4390, -0.3320,
61.1080

13.1100, -36.9150,
35.7650

175.2580, 10.1230,
53.3470

10.1460, -28.5690,
27.6790

200.3760, 21.1740,
45.7980

11.5190, -22.7900,
16.5540

219.1930, 16.7750,
31.9030

6.5490, -14.3070,
11.4930

235.6290, 9.0750,

2.8670, -6.6950,

17.2590

5.6970

253.2390, 0.8250,
1.5690

0.0000, 0.0000,
0.0000

67.6090, -12.2540,
67.9220

67.6090, -12.2540,
67.9220

52.5800, -13.3100,
76.0500

82.9370, -10.6020,
60.0060

46.9760, -14.3650,
78.6510

97.3790, -9.2710,
52.4010

112.4080, -8.2150,
44.2730

127.7360, -6.5630,
36.3570

142.1780, -5.2320,
28.7520

■ 157.5060, -3.5800,
20.8360

■ 172.5350, -2.5240,
12.7080

■ 187.8630, -0.8720,
4.7920

■ 202.3050, 0.4590,
-2.8130

Harmonies

Analogous

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



74.8100, -97.6640, 29.8880



67.6090, -12.2540, 67.9220



68.6400, 65.5500, 78.5900

Triad

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



67.6090, -12.2540, 67.9220



70.5900, 65.5640, 1.2120



71.7300, -61.4340, -21.0020

Complementary

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



67.6090, -12.2540, 67.9220



156.3910, 12.2540, -67.9220

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.



60.6380, -32.9570, -47.0130



67.6090, -12.2540, 67.9220



69.6510, 18.8950, -28.5690

Square

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



67.6090, -12.2540, 67.9220



53.5210, 106.6840, 37.9480



56.3520, -26.4000, -50.2080



81.3400, -85.7380, 0.9660

Rectangle

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



67.6090, -12.2540, 67.9220



68.0230, 91.7320, 66.6440



56.3520, -26.4000, -50.2080



68.6520, -52.7670, -29.3990

Sweetspot

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



67.6090, -12.2540, 67.9220



204.5970, -5.0940, 26.2500



104.4930, -81.7950, 1.0930



97.6430, -2.7080, 16.0440



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.



67.6090, -12.2540, 67.9220



61.0630, -18.0830, 101.9890



93.0240, 38.4060, 85.9420



92.2220, -0.5050, 3.6470



38.9140, -11.7950, 65.1090



8.5890, -2.6160, 14.3760

Inverse Universe

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



89.1160, 69.5410, 66.8290



93.1170, 104.4720, 100.0880



130.9760, -38.4060, -85.9420



93.2610, 3.7590, 3.4630



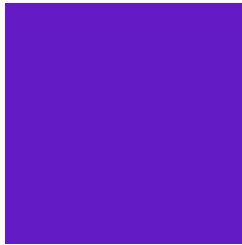
59.5670, 66.6530, 64.1010



13.1580, 14.7150, 14.1630

Previews

White Background



This preview shows how the YIQ color 67.6090, -12.2540, 67.9220 looks on a white background.

Color Contrast Check

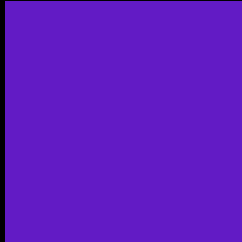
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.6090, -12.2540, 67.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

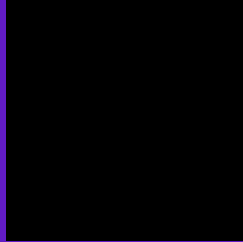
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.6090, -12.2540, 67.9220

Background



This preview shows how black text looks on a background with the YIQ color 67.6090, -12.2540, 67.9220.



This preview shows how white text looks on a background with the YIQ color 67.6090, -12.2540,

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

67.6090, -12.2540, 67.9220

Protanopia

62.0370, -71.3430, 9.9130

Deuteranopia

62.3500, -65.3350, 0.1450



Tritanopia

76.4980, -10.2700, -1.1020

Trichromacy



Original Color

67.6090, -12.2540, 67.9220

Protanomaly

64.4180, -49.7060, 30.7900

Deuteranomaly

64.5830, -46.0370, 24.8670

Tritanomaly

73.4930, -10.7330, 23.8190

Monochromacy



Original Color

67.6090, -12.2540, 67.9220

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.8420, -4.4060, 24.7940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.6090, -12.2540, 67.9220 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(98, 27, 197)` looks like.

```
.text, #text, p{  
    color:rgb(98, 27, 197)  
}
```

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(98, 27, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 27, 197) }
```

Border

The CSS property to change the border of an element to YIQ 67.6090, -12.2540, 67.9220 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(98, 27, 197) }
```


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

```
.border{ border-color:rgb(98, 27, 197) }
```

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

Here you see how a box with a 4 pixel rgb(98, 27, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 27, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 27, 197);  
box-shadow:4px 4px 4px 4px rgb(98, 27,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 67.6090, -12.2540, 67.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 27, 197) }
```

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

```
.background{ background-color: rgb(98, 27,  
197) }
```

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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