

Converting Colors

YIQ(111.6570, -67.2170,
12.2310)

Have a look what the booklet for
YIQ(111.6570, -67.2170, 12.2310)
contains.

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Color

**YIQ(111.6570, -67.2170,
12.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	377ACF
RGB	55, 122, 207
RGB Percent	22%, 48%, 81%
CMY	0.7844, 0.5215, 0.1886
CMYK	0.73, 0.41, 0.00, 0.19
HSL	214°, 61%, 51%
HSV	214°, 73%, 81%
XYZ	19.7892, 19.2383, 61.6475
YIQ	111.6570, -67.2170, 12.2310

Conversions

Conversions Part 2

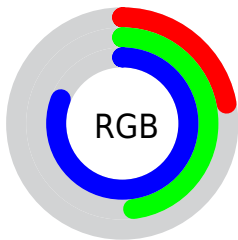
Format	Color
R_{YB}	55, 102, 207
Decimal	3635919
CIE _{Lab}	50.96, 7.70, -50.00
CIE _{LCh}	51, 50.589, 278.760
Yxy	19.2383, 0.1966, 0.1911
Android (android.graphics.Color)	4281825999 (0xFF377ACF)
YUV	111.6570, 47.0041, -49.6882
Hunter-Lab	43.8615, 3.7769, -52.6292

Details

The YIQ color **111.6570, -67.2170, 12.2310** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **150.3430, 67.2170, -12.2310**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3870, -57.5890, 13.9550**, and **60.7660, -69.1420, 8.5700** is the 20% darker color. If you saturate the color by 10%, you get **98.3340, -76.4330, 14.0550**, and if you desaturate by 10%, it is **124.9800, -58.0010, 10.4070**.

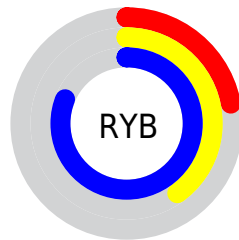
Distribution



Red (22%)

Green (48%)

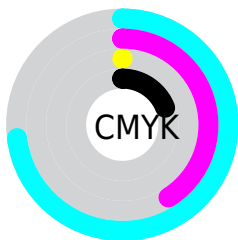
Blue (81%)



Red (22%)

Yellow (40%)

Blue (81%)

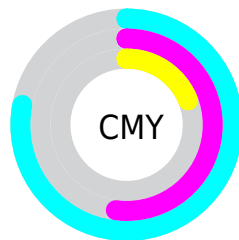


Cyan (73%)

Magenta (41%)

Yellow (0%)

Black (19%)



Cyan (78%)

Magenta (52%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.6570, -67.2170, 12.2310 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 111.6570, -67.2170, 12.2310 by changing the saturation by 10% instead.

■ 111.6570,
-67.2170, 12.2310

■ 111.6570,
-67.2170, 12.2310

■ 255.0000, -0.0000,
-0.0000

■ 77.9320, -84.4090,
4.4150

■ 167.0880,
-58.1850, 13.7430

■ 60.7660, -69.1420,
8.5700

■ 192.2060,
-47.1340, 6.1940

■ 44.8880, -54.7460,
11.9900

■ 217.3130,
-37.5500, -2.3020

■ 30.1840, -40.9000,
14.3640

■ 241.5450,
-26.8200, -9.5400

■ 12.7730, -26.3210,
19.9750

■ 250.8140, -8.3440,
-2.9680

■ 8.2760, -17.7920,
14.0800

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 111.6570,
-67.2170, 12.2310

■ 111.6570,
-67.2170, 12.2310

■ 98.3340, -76.4330,
14.0550

■ 124.9800,
-58.0010, 10.4070

■ 85.8970, -85.3280,
15.5680

■ 137.4170,
-49.1060, 8.8940

■ 77.0150, -91.4720,
16.7840

■ 150.7400,
-39.8900, 7.0700

■ 163.4760,
-30.3990, 5.7690

■ 176.5000,
-21.7790, 3.7330

■ 189.2360,
-12.2880, 2.4320

■ 202.5590, -3.0720,
0.6080

■ 215.8820, 6.1440,
-1.2160

■ 228.3190, 15.0390,
-2.7290

Harmonies

Analogous

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



101.6860, -101.6920, -7.2600



111.6570, -67.2170, 12.2310



124.4540, -5.8290, 34.0670

Triad

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



111.6570, -67.2170, 12.2310



118.9900, 67.8540, 14.7820



92.2120, -66.7480, -45.8520

Complementary

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



111.6570, -67.2170, 12.2310



150.3430, 67.2170, -12.2310

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.



109.9580, -1.3230, -36.6110



111.6570, -67.2170, 12.2310



118.1450, 59.1470, -9.1490

Square

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



111.6570, -67.2170, 12.2310



119.8870, 61.6150, 34.2470



114.6330, 36.5010, -28.2590



98.5160, -81.7430, -32.9030

Rectangle

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



111.6570, -67.2170, 12.2310



124.4700, 23.6050, 40.2850



114.6330, 36.5010, -28.2590



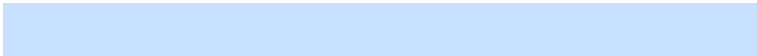
101.1030, -38.4600, -40.8920

Sweetspot

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



111.6570, -67.2170, 12.2310



220.0590, -24.8510, 4.3410



153.8000, -68.7640, -53.3720



106.6810, -15.0390, 2.7290



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.



111.6570, -67.2170, 12.2310



114.6490, -99.1290, 17.8870



74.7200, -44.0240, 48.9680



98.1890, -4.9060, 0.8060



62.5900, -74.2780, 13.5460



15.2400, -18.1110, 3.3370

Inverse Universe

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



108.0860, 69.0850, 53.0610



109.2620, 101.7250, 78.2770



187.2800, 44.0240, -48.9680



97.8590, 4.9510, 3.8870



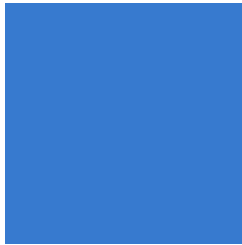
58.6680, 76.3740, 58.6300



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 111.6570, -67.2170, 12.2310 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 111.6570, -67.2170, 12.2310 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

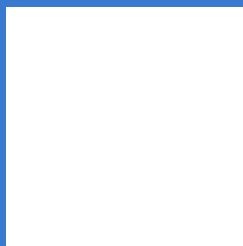
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 111.6570, -67.2170, 12.2310

Background



This preview shows how black text looks on a background with the YIQ color 111.6570, -67.2170, 12.2310.



This preview shows how white text looks on a background with the YIQ color 111.6570, -67.2170,

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

111.6570, -67.2170, 12.2310

Protanopia

117.8230, -46.9530, 19.4390

Deuteranopia

111.9560, -66.6210, 12.4430



Tritanopia

95.0740, -83.0740, -25.2980

Trichromacy



Original Color

111.6570, -67.2170, 12.2310

Protanomaly

115.2350, -54.1050, 16.8950

Deuteranomaly

111.9560, -66.6210, 12.4430

Tritanomaly

101.3280, -77.4370, -11.8130

Monochromacy



Original Color

111.6570, -67.2170, 12.2310

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.0590, -24.8510, 4.3410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.6570, -67.2170, 12.2310 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(55, 122, 207)` looks like.

```
.text, #text, p{  
    color:rgb(55, 122, 207)  
}
```

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(55, 122, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 122, 207) }
```

Border

The CSS property to change the border of an element to YIQ 111.6570, -67.2170, 12.2310 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(55, 122, 207) }
```


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

```
.border{ border-color:rgb(55, 122, 207) }
```

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

Here you see how a box with a 4 pixel rgb(55, 122, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 122, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 122, 207);  
box-shadow:4px 4px 4px 4px rgb(55, 122,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 111.6570, -67.2170, 12.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 122, 207) }
```

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

```
.background{ background-color: rgb(55, 122,  
207) }
```

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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