

Converting Colors

YIQ(110.0090, -38.6090,
22.4070)

Have a look what the booklet for
YIQ(110.0090, -38.6090, 22.4070)
contains.

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Color

**YIQ(110.0090, -38.6090,
22.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	576ABF
RGB	87, 106, 191
RGB Percent	34%, 42%, 75%
CMY	0.6588, 0.5843, 0.2512
CMYK	0.54, 0.44, 0.00, 0.25
HSL	229°, 45%, 54%
HSV	229°, 54%, 75%
XYZ	18.4834, 16.0952, 51.3905
YIQ	110.0090, -38.6090, 22.4070

Conversions

Conversions Part 2

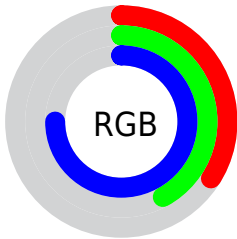
Format	Color
R _Y B	87, 103, 191
Decimal	5728959
CIE Lab	47.10, 17.70, -46.93
CIE LCh	47, 50.153, 290.666
Yxy	16.0952, 0.2150, 0.1872
Android (android.graphics.Color)	4283919039 (0xFF576ABF)
YUV	110.0090, 39.9286, -20.1789
Hunter-Lab	40.1189, 12.0297, -47.8647

Details

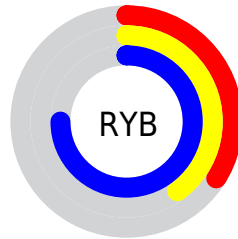
The YIQ color **110.0090, -38.6090, 22.4070** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **167.9910, 38.6090, -22.4070**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1880, -37.5550, 25.3330**, and **56.8290, -47.0900, 16.4140** is the 20% darker color. If you saturate the color by 10%, you get **94.9360, -45.5330, 26.7470**, and if you desaturate by 10%, it is **125.0820, -31.6850, 18.0670**.

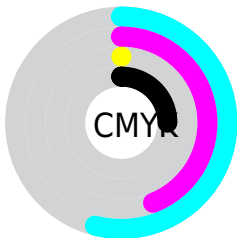
Distribution



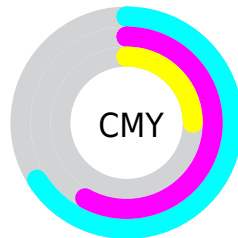
- Red (34%)
- Green (42%)
- Blue (75%)



- Red (34%)
- Yellow (40%)
- Blue (75%)



- Cyan (54%)
- Magenta (44%)
- Yellow (0%)
- Black (25%)



- Cyan (66%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.0090, -38.6090, 22.4070 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 110.0090, -38.6090, 22.4070 by changing the saturation by 10% instead.

■ 110.0090,
-38.6090, 22.4070

■ 110.0090,
-38.6090, 22.4070

■ 255.0000, -0.0000,
-0.0000

■ 84.1720, -40.6260,
20.4140

■ 163.1880,
-37.5550, 25.3330

■ 56.8290, -47.0900,
16.4140

■ 188.5060,
-29.9430, 19.5370

■ 34.9600, -46.0810,
14.6470

■ 213.0260,
-20.0840, 11.5640

■ 20.9570, -32.8310,
16.8090

■ 238.7200,
-10.7750, 2.5450

■ 8.2420, -20.4520,
18.2360

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 110.0090,
-38.6090, 22.4070

■ 110.0090,
-38.6090, 22.4070

■ 94.9360, -45.5330,
26.7470

■ 125.0820,
-31.6850, 18.0670

■ 80.4500, -52.7320,
30.5640

■ 139.5680,
-24.4860, 14.2500

■ 65.3770, -59.6560,
34.9040

■ 154.6410,
-17.5620, 9.9100

■ 50.8910, -66.8550,
38.7210

■ 169.1270,
-10.3630, 6.0930

■ 42.3190, -70.9360,
41.0960

■ 184.2000, -3.4390,
1.7530

■ 199.5720, 4.0810,
-2.3750

■ 214.0580, 11.2800,
-6.1920

■ 229.1310, 18.2040,
-10.5320

■ 242.4210, 23.0190,
-15.1970

Harmonies

Analogous

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



92.6700, -95.5950, -2.1150



110.0090, -38.6090, 22.4070



115.4300, 11.9140, 37.4020

Triad

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



110.0090, -38.6090, 22.4070



108.7410, 63.8210, 5.2690



87.9550, -67.1620, -38.3460

Complementary

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



110.0090, -38.6090, 22.4070



167.9910, 38.6090, -22.4070

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.



96.3670, -21.5880, -38.2920



110.0090, -38.6090, 22.4070



106.8570, 50.8500, -18.4780

Square

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



110.0090, -38.6090, 22.4070



108.6390, 65.0090, 27.8010



103.1690, 23.0680, -32.6120



93.4440, -81.2400, -25.4960

Rectangle

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



110.0090, -38.6090, 22.4070



112.7120, 37.5430, 40.9910



103.1690, 23.0680, -32.6120



85.6580, -62.0720, -42.4880

Sweetspot

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



110.0090, -38.6090, 22.4070



216.5550, -14.4440, 8.4680



157.7380, -55.8850, -27.9570



106.6710, -9.0790, 4.8490



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



110.0090, -38.6090, 22.4070



122.2630, -59.3350, 34.5930



108.7230, -13.7160, 39.3400



87.2000, -3.4390, 1.7530



35.0350, -58.6930, 33.9710



7.0560, -11.6010, 6.5030

Inverse Universe

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



120.2620, 55.8850, 27.9570



138.1460, 86.0510, 42.9390



169.2770, 13.7160, -39.3400



87.9190, 4.7220, 2.5300



50.5480, 84.8590, 42.5150



9.9530, 16.5500, 8.4380

Previews

White Background



This preview shows how the YIQ color 110.0090, -38.6090, 22.4070 looks on a white background.

Color Contrast Check

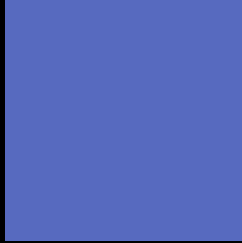
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.0090, -38.6090, 22.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

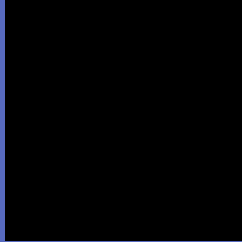
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.0090, -38.6090, 22.4070

Background



This preview shows how black text looks on a background with the YIQ color 110.0090, -38.6090, 22.4070.



This preview shows how white text looks on a background with the YIQ color 110.0090, -38.6090,

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

110.0090, -38.6090, 22.4070

Protanopia

107.8120, -48.4200, 18.4920

Deuteranopia

103.4360, -59.2850, 11.6510



Tritanopia

104.5810, -35.6690, -8.8610

Trichromacy



Original Color

110.0090, -38.6090, 22.4070

Protanomaly

108.6060, -44.8440, 19.7640

Deuteranomaly

105.9640, -51.9040, 15.5520

Tritanomaly

106.6600, -36.9090, 2.6030

Monochromacy



Original Color

110.0090, -38.6090, 22.4070

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.3270, -13.8020, 7.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.0090, -38.6090, 22.4070 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(87, 106, 191)` looks like.

```
.text, #text, p{  
    color:rgb(87, 106, 191)  
}
```

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(87, 106, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 106, 191) }
```

Border

The CSS property to change the border of an element to YIQ 110.0090, -38.6090, 22.4070 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(87, 106, 191) }
```


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

```
.border{ border-color:rgb(87, 106, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 106, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 106, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 106, 191);  
box-shadow:4px 4px 4px 4px rgb(87, 106,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 110.0090, -38.6090, 22.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 106, 191) }
```

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

```
.background{ background-color: rgb(87, 106,  
191) }
```

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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