

Converting Colors

YIQ(69.1240, 12.0550, 18.3190)

Have a look what the booklet for
YIQ(69.1240, 12.0550, 18.3190)
contains.

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Color

**YIQ(69.1240, 12.0550,
18.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	5C3657
RGB	92, 54, 87
RGB Percent	36%, 21%, 34%
CMY	0.6391, 0.7883, 0.6588
CMYK	0.00, 0.41, 0.05, 0.64
HSL	308°, 26%, 29%
HSV	308°, 41%, 36%
XYZ	7.4554, 5.6018, 9.7064
YIQ	69.1240, 12.0550, 18.3190

Conversions

Conversions Part 2

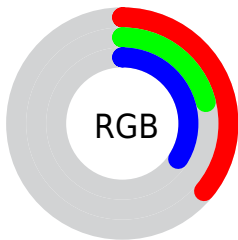
Format	Color
RYB	92, 54, 87
Decimal	6043223
CIELab	28.38, 22.72, -12.82
CIELCh	28, 26.086, 330.569
Yxy	5.6018, 0.3275, 0.2461
Android (android.graphics.Color)	4284233303 (0xFF5C3657)
YUV	69.1240, 8.8129, 20.0623
Hunter-Lab	23.6682, 14.8077, -7.7472

Details

The YIQ color **69.1240, 12.0550, 18.3190** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.8760, -12.0550, -18.3190**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **118.2490, 13.2010, 19.5770**, and **24.1130, 10.5880, 17.3720** is the 20% darker color. If you saturate the color by 10%, you get **63.7270, 14.8510, 22.7150**, and if you desaturate by 10%, it is **74.5210, 9.2590, 13.9230**.

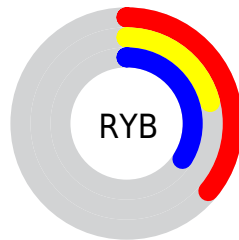
Distribution



Red (36%)

Green (21%)

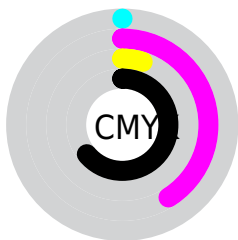
Blue (34%)



Red (36%)

Yellow (21%)

Blue (34%)

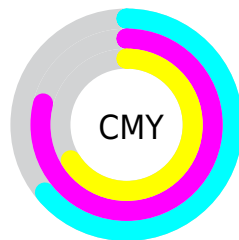


Cyan (0%)

Magenta (41%)

Yellow (5%)

Black (64%)



Cyan (64%)

Magenta (79%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.1240, 12.0550, 18.3190 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 69.1240, 12.0550, 18.3190 by changing the saturation by 10% instead.

69.1240, 12.0550,
18.3190

69.1240, 12.0550,
18.3190

255.0000, -0.0000,
-0.0000

46.4120, 11.1840,
17.5840

118.2490, 13.2010,
19.5770

24.1130, 10.5880,
17.3720

143.9610, 14.0720,
20.3120

9.5700, 7.5630,
11.6190

170.3740, 14.3470,
20.8350

0.0000, 0.0000,
0.0000

198.0860, 15.2180,
21.5700

226.2000, 14.8970,
21.8810

243.8470, 5.2250,

9.9370

■ 69.1240, 12.0550,
18.3190

■ 69.1240, 12.0550,
18.3190

■ 63.7270, 14.8510,
22.7150

■ 74.5210, 9.2590,
13.9230

■ 58.3300, 17.6470,
27.1110

■ 79.9180, 6.4630,
9.5270

■ 52.2320, 21.0390,
31.7190

■ 86.0160, 3.0710,
4.9190

■ 46.8350, 23.8350,
36.1150

■ 91.4130, 0.2750,
0.5230

■ 41.4380, 26.6310,
40.5110

■ 96.8100, -2.5210,
-3.8730

■ 36.6280, 29.1520,
44.3840

■ 102.2070, -5.3170,
-8.2690

■ 107.7180, -8.4340,
-12.3540

■ 113.7020,
-11.5050, -17.2730

■ 119.0990,
-14.3010, -21.6690

Harmonies

Analogous

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



68.6530, -8.6680, 13.9240



69.1240, 12.0550, 18.3190



67.7850, 26.1310, 16.5230

Triad

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



69.1240, 12.0550, 18.3190



64.9140, 20.3130, -10.2070



55.1170, -49.1020, -13.2140

Complementary

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



69.1240, 12.0550, 18.3190



76.8760, -12.0550, -18.3190

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.



52.8370, -42.6820, -19.4340



69.1240, 12.0550, 18.3190



63.1400, 4.8170, -15.7190

Square

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



69.1240, 12.0550, 18.3190



66.3870, 29.5270, -0.9770



58.8370, -16.3190, -18.1350



55.0660, -53.0920, -6.9800

Rectangle

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



69.1240, 12.0550, 18.3190



67.4880, 31.2210, 12.3810



58.8370, -16.3190, -18.1350



54.3190, -46.8550, -15.3910

Sweetspot

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



69.1240, 12.0550, 18.3190



110.9670, 4.7670, 7.2230



59.5280, -9.8140, 12.6660



56.1900, 2.5210, 3.8730



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



69.1240, 12.0550, 18.3190



83.8680, 19.0680, 28.8920



67.0720, 17.8330, 12.7210



42.9510, 1.6960, 2.3040



43.7200, 35.0650, 52.8650



94.3470, 75.1260, 114.3100

Inverse Universe

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



69.1240, 12.0550, 18.3190



83.8680, 19.0680, 28.8920



78.9280, -17.8330, -12.7210



42.9510, 1.6960, 2.3040



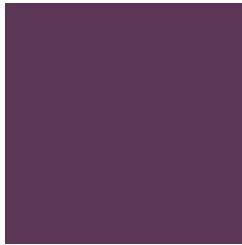
43.7200, 35.0650, 52.8650



94.3470, 75.1260, 114.3100

Previews

White Background



This preview shows how the YIQ color 69.1240, 12.0550, 18.3190 looks on a white background.

Color Contrast Check

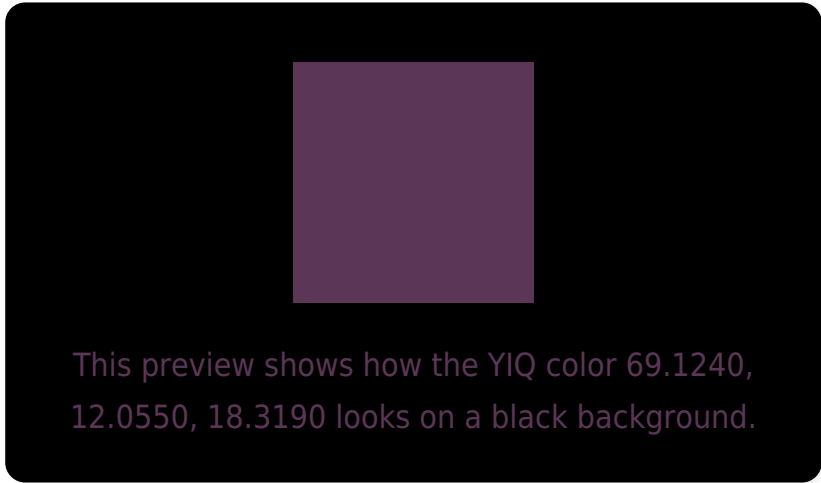
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 69.1240, 12.0550, 18.3190

Background



This preview shows how black text looks on a background with the YIQ color 69.1240, 12.0550, 18.3190.



This preview shows how white text looks on a background with the YIQ color 69.1240, 12.0550,

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

69.1240, 12.0550, 18.3190

Protanopia

67.0280, -14.3980, 7.6340

Deuteranopia

67.8670, -6.6950, 5.6970



Tritanopia

68.4260, 16.5960, 7.6040

Trichromacy



Original Color

69.1240, 12.0550, 18.3190

Protanomaly

67.9260, -5.1830, 11.3370

Deuteranomaly

68.6230, 0.0440, 10.2200

Tritanomaly

68.5770, 14.8530, 11.6610

Monochromacy



Original Color

69.1240, 12.0550, 18.3190

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.2550, 3.8960, 6.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.1240, 12.0550, 18.3190 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(92, 54, 87)` looks like.

```
.text, #text, p{  
    color:rgb(92, 54, 87)  
}
```

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(92, 54, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 54, 87) }
```

Border

The CSS property to change the border of an element to YIQ 69.1240, 12.0550, 18.3190 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(92, 54, 87) }
```


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

```
.border{ border-color:rgb(92, 54, 87) }
```

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

Here you see how a box with a 4 pixel rgb(92, 54, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 54, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 54, 87);  
box-shadow:4px 4px 4px 4px rgb(92, 54, 87)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.1240, 12.0550, 18.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 54, 87) }
```

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

```
.background{ background-color: rgb(92, 54,  
87) }
```

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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