

Converting Colors

YIQ(63.8130, 11.7330, 24.1570)

Have a look what the booklet for
YIQ(63.8130, 11.7330, 24.1570)
contains.

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Color

**YIQ(63.8130, 11.7330,
24.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2D5C
RGB	90, 45, 92
RGB Percent	35%, 18%, 36%
CMY	0.6469, 0.8236, 0.6392
CMYK	0.02, 0.51, 0.00, 0.64
HSL	297°, 34%, 27%
HSV	297°, 51%, 36%
XYZ	7.0894, 4.8235, 10.6832
YIQ	63.8130, 11.7330, 24.1570

Conversions

Conversions Part 2

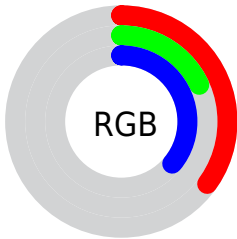
Format	Color
RYB	90, 45, 92
Decimal	5909852
CIELab	26.23, 28.46, -19.44
CIElCh	26, 34.470, 325.665
Yxy	4.8235, 0.3137, 0.2135
Android (android.graphics.Color)	4284099932 (0xFF5A2D5C)
YUV	63.8130, 13.8962, 22.9660
Hunter-Lab	21.9625, 19.1847, -13.4667

Details

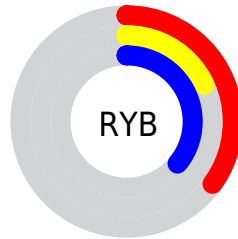
The YIQ color **63.8130, 11.7330, 24.1570** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **73.1870, -11.7330, -24.1570**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.9380, 12.8790, 25.4150**, and **17.8020, 10.2660, 23.2100** is the 20% darker color. If you saturate the color by 10%, you get **58.5300, 14.2080, 28.8640**, and if you desaturate by 10%, it is **69.0960, 9.2580, 19.4500**.

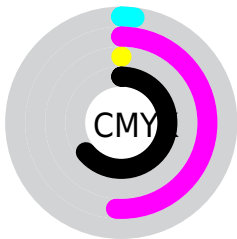
Distribution



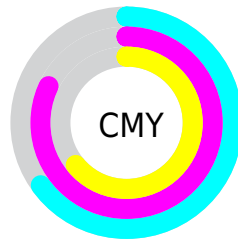
- Red (35%)
- Green (18%)
- Blue (36%)



- Red (35%)
- Yellow (18%)
- Blue (36%)



- Cyan (2%)
- Magenta (51%)
- Yellow (0%)
- Black (64%)



- Cyan (65%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.8130, 11.7330, 24.1570 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 63.8130, 11.7330, 24.1570 by changing the saturation by 10% instead.

63.8130, 11.7330,
24.1570

63.8130, 11.7330,
24.1570

255.0000, -0.0000,
-0.0000

40.4000, 11.4580,
23.6340

112.9380, 12.8790,
25.4150

17.8020, 10.2660,
23.2100

138.7640, 13.4290,
26.4610

7.6340, 1.5110,
11.1670

165.4760, 14.3000,
27.1960

0.0000, 0.0000,
0.0000

192.8890, 14.5750,
27.7190

220.7150, 15.1250,
28.7650

237.9770, 7.9750,

15.1670

■ 63.8130, 11.7330,
24.1570

■ 63.8130, 11.7330,
24.1570

■ 58.5300, 14.2080,
28.8640

■ 69.0960, 9.2580,
19.4500

■ 52.9480, 16.0870,
33.3590

■ 74.6780, 7.3790,
14.9550

■ 47.0780, 18.8370,
38.5890

■ 80.5480, 4.6290,
9.7250

■ 41.4960, 20.7160,
43.0840

■ 86.1300, 2.7500,
5.2300

■ 36.8000, 22.9160,
47.2680

■ 91.4130, 0.2750,
0.5230

■ 96.6960, -2.2000,
-4.1840

■ 102.2780, -4.0790,
-8.6790

■ 108.1480, -6.8290,
-13.9090

■ 113.7300, -8.7080,
-18.4040

Harmonies

Analogous

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



62.4440, -18.2050, 16.0590



63.8130, 11.7330, 24.1570



61.3500, 32.0900, 24.1700

Triad

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



63.8130, 11.7330, 24.1570



58.2970, 29.3000, -13.3880



53.0140, -47.3140, -12.5780

Complementary

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



63.8130, 11.7330, 24.1570



73.1870, -11.7330, -24.1570

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.



49.9360, -38.6470, -20.9750



63.8130, 11.7330, 24.1570



56.2020, 10.2740, -21.0060

Square

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



63.8130, 11.7330, 24.1570



60.1170, 39.1550, 0.7470



50.2830, -20.8110, -24.8350



54.2340, -53.5050, -5.0010

Rectangle

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



63.8130, 11.7330, 24.1570



59.8960, 39.0600, 18.9960



50.2830, -20.8110, -24.8350



51.9880, -44.4250, -15.3770

Sweetspot

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



63.8130, 11.7330, 24.1570



109.1350, 4.3540, 9.2020



51.5320, -15.6370, 13.5710



54.5430, 3.0250, 5.7530



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.



63.8130, 11.7330, 24.1570



76.2520, 18.2870, 37.5430



62.0170, 19.6660, 18.0500



43.0650, 1.3750, 2.6150



43.9350, 27.2700, 56.4700



94.8910, 59.2150, 121.8310

Inverse Universe

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



59.2810, 27.3700, 10.5860



69.1690, 42.5450, 16.4090



74.9830, -19.6660, -18.0500



42.6090, 2.6590, 1.3710



33.4600, 63.9550, 24.8750



72.0030, 138.0420, 53.3540

Previews

White Background



This preview shows how the YIQ color 63.8130, 11.7330, 24.1570 looks on a white background.

Color Contrast Check

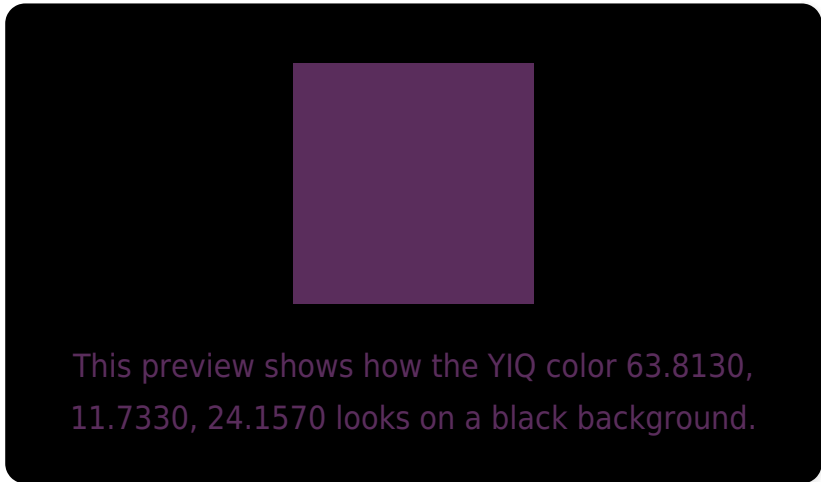
Large Text (above 18pt) WCAG AA ✓ Pass

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

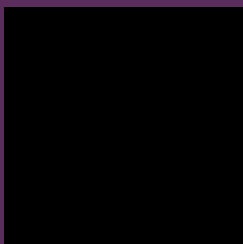
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.8130, 11.7330, 24.1570

Background



This preview shows how black text looks on a background with the YIQ color 63.8130, 11.7330, 24.1570.



This preview shows how white text looks on a background with the YIQ color 63.8130, 11.7330,

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

63.8130, 11.7330, 24.1570

Protanopia

61.0470, -24.5770, 10.3910

Deuteranopia

62.3870, -14.0310, 6.4890



Tritanopia

63.3230, 18.3840, 8.2400

Trichromacy



Original Color

63.8130, 11.7330, 24.1570

Protanomaly

62.0380, -11.1900, 15.5780

Deuteranomaly

62.8660, -4.9540, 12.6940

Tritanomaly

63.3430, 15.6320, 14.0640

Monochromacy



Original Color

63.8130, 11.7330, 24.1570

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.7220, 4.0790, 8.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.8130, 11.7330, 24.1570 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(90, 45, 92)` looks like.

```
.text, #text, p{  
    color:rgb(90, 45, 92)  
}
```

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(90, 45, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 45, 92) }
```

Border

The CSS property to change the border of an element to YIQ 63.8130, 11.7330, 24.1570 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(90, 45, 92) }
```


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

```
.border{ border-color:rgb(90, 45, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 45, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 45, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 45, 92);  
box-shadow:4px 4px 4px 4px rgb(90, 45, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.8130, 11.7330, 24.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 45, 92) }
```

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

```
.background{ background-color: rgb(90, 45,  
92) }
```

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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