

Converting Colors

YIQ(54.6730, 24.1110, 31.1110)

Have a look what the booklet for
YIQ(54.6730, 24.1110, 31.1110)
contains.

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Color

**YIQ(54.6730, 24.1110,
31.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	611C51
RGB	97, 28, 81
RGB Percent	38%, 11%, 32%
CMY	0.6194, 0.8903, 0.6823
CMYK	0.00, 0.71, 0.17, 0.62
HSL	314°, 55%, 25%
HSV	314°, 71%, 38%
XYZ	6.8354, 3.9676, 8.1929
YIQ	54.6730, 24.1110, 31.1110

Conversions

Conversions Part 2

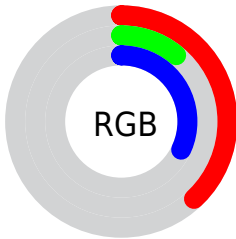
Format	Color
R_{YB}	97, 28, 81
Decimal	6364241
CIE Lab	23.56, 37.39, -16.22
CIE LCh	24, 40.760, 336.549
Yxy	3.9676, 0.3598, 0.2089
Android (android.graphics.Color)	4284554321 (0xFF611C51)
YUV	54.6730, 12.9792, 37.1208
Hunter-Lab	19.9188, 26.3970, -10.4437

Details

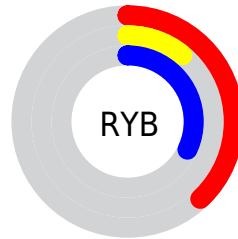
The YIQ color **54.6730, 24.1110, 31.1110** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **70.3270, -24.1110, -31.1110**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.4560, 26.2200, 31.4360**, and **18.4560, 17.0520, 21.3720** is the 20% darker color. If you saturate the color by 10%, you get **48.5750, 27.5030, 35.7190**, and if you desaturate by 10%, it is **60.7710, 20.7190, 26.5030**.

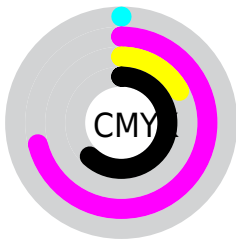
Distribution



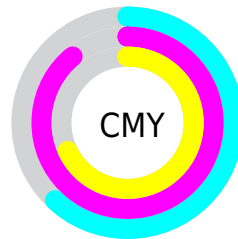
- Red (38%)
- Green (11%)
- Blue (32%)



- Red (38%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (71%)
- Yellow (17%)
- Black (62%)



- Cyan (62%)
- Magenta (89%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.6730, 24.1110, 31.1110 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 54.6730, 24.1110, 31.1110 by changing the saturation by 10% instead.

■ 54.6730, 24.1110,
31.1110

■ 54.6730, 24.1110,
31.1110

■ 255.0000, -0.0000,
-0.0000

■ 28.1400, 24.2940,
33.3020

■ 105.4560, 26.2200,
31.4360

■ 18.4560, 17.0520,
21.3720

■ 131.2820, 26.7700,
32.4820

■ 6.8640, 6.5550,
7.8590

■ 158.2930, 28.2370,
33.4290


■ 0.0000, 0.0000,
0.0000


■ 185.5920, 28.8330,
33.6410


■ 211.0260, 24.6150,
32.9910


■ 229.1720, 12.1000,


23.0120


 246.1950, 4.1250,
7.8450


 54.6730, 24.1110,
31.1110


 54.6730, 24.1110,
31.1110


 48.5750, 27.5030,
35.7190


 60.7710, 20.7190,
26.5030


 43.0640, 30.6200,
39.8040

 66.3960, 17.2810,
22.7290

 37.5530, 33.7370,
43.8890

 72.4940, 13.8890,
18.1210

 78.5920, 10.4970,
13.5130

 84.6900, 7.1050,
8.9050

■ 90.3150, 3.6670,
5.1310

■ 96.4130, 0.2750,
0.5230

■ 102.5110, -3.1170,
-4.0850

■ 108.0220, -6.2340,
-8.1700

Harmonies

Analogous

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



57.6350, -8.2570, 22.9990



54.6730, 24.1110, 31.1110



49.5580, 43.3680, 29.0320

Triad

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



54.6730, 24.1110, 31.1110



52.5950, 22.4690, -16.2430



50.9910, -48.5070, -7.4750

Complementary

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



54.6730, 24.1110, 31.1110



70.3270, -24.1110, -31.1110

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.



48.1580, -39.1520, -17.3280



54.6730, 24.1110, 31.1110



46.8370, 0.8760, -26.9000

Square

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



54.6730, 24.1110, 31.1110



52.7270, 40.0730, -4.8790



43.3360, -28.3300, -26.2340



51.5100, -54.1020, 0.3140

Rectangle

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



54.6730, 24.1110, 31.1110



50.5010, 47.5420, 19.4620



43.3360, -28.3300, -26.2340



49.9650, -45.6180, -10.2740

Sweetspot

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



54.6730, 24.1110, 31.1110



109.0540, 9.0760, 11.7320



40.3510, -13.2090, 24.6390



54.1520, 5.6840, 7.1240



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



54.6730, 24.1110, 31.1110



59.9280, 37.1750, 47.6630



50.9110, 34.7040, 20.8480



45.5380, 1.4210, 1.7810



43.2920, 39.1460, 50.4900



92.7360, 83.9760, 108.1040

Inverse Universe

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



54.6730, 24.1110, 31.1110



59.9280, 37.1750, 47.6630



74.0890, -34.7040, -20.8480



45.5380, 1.4210, 1.7810



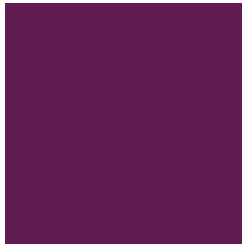
43.2920, 39.1460, 50.4900



92.7360, 83.9760, 108.1040

Previews

White Background



This preview shows how the YIQ color 54.6730, 24.1110, 31.1110 looks on a white background.

Color Contrast Check

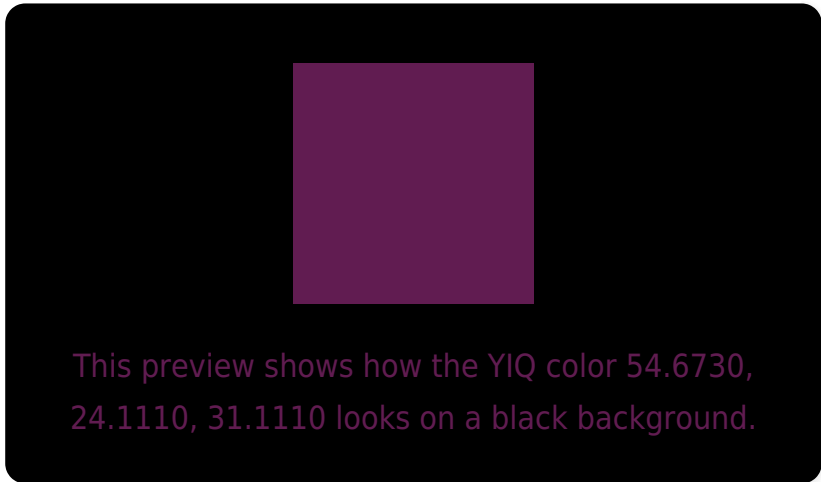
Large Text (above 18pt) WCAG AA ✓ Pass

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

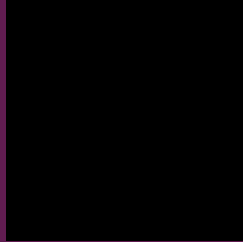
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.6730, 24.1110, 31.1110

Background



This preview shows how black text looks on a background with the YIQ color 54.6730, 24.1110, 31.1110.



This preview shows how white text looks on a background with the YIQ color 54.6730, 24.1110, 31.1110.

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

54.6730, 24.1110, 31.1110

Protanopia

54.8940, -28.5200, 10.2640

Deuteranopia

57.7850, -9.4000, 5.1600



Tritanopia

56.0750, 30.9460, 11.8580

Trichromacy



Original Color

54.6730, 24.1110, 31.1110

Protanomaly

54.9890, -9.4940, 17.8820

Deuteranomaly

56.2260, 2.8400, 14.6160

Tritanomaly

55.6220, 28.1480, 18.5160

Monochromacy



Original Color

54.6730, 24.1110, 31.1110

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6410, 8.8010, 11.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.6730, 24.1110, 31.1110 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(97, 28, 81)` looks like.

```
.text, #text, p{  
    color:rgb(97, 28, 81)  
}
```

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(97, 28, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 28, 81) }
```

Border

The CSS property to change the border of an element to YIQ 54.6730, 24.1110, 31.1110 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(97, 28, 81) }
```


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

```
.border{ border-color:rgb(97, 28, 81) }
```

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

Here you see how a box with a 4 pixel rgb(97, 28, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 28, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 28, 81);  
box-shadow:4px 4px 4px 4px rgb(97, 28, 81)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.6730, 24.1110, 31.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 28, 81) }
```

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

```
.background{ background-color: rgb(97, 28,  
81) }
```

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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