

Converting Colors

YIQ(55.5370, 12.3300, 18.8420)

Have a look what the booklet for
YIQ(55.5370, 12.3300, 18.8420)
contains.

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Color

**YIQ(55.5370, 12.3300,
18.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	4F284A
RGB	79, 40, 74
RGB Percent	31%, 16%, 29%
CMY	0.6901, 0.8432, 0.7098
CMYK	0.00, 0.49, 0.06, 0.69
HSL	308°, 33%, 23%
HSV	308°, 49%, 31%
XYZ	5.2213, 3.6745, 6.9136
YIQ	55.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

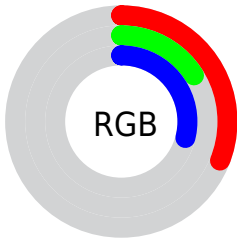
Format	Color
RYB	79, 40, 74
Decimal	5187658
CIELab	22.56, 23.84, -13.30
CIElCh	23, 27.302, 330.851
Yxy	3.6745, 0.3303, 0.2324
Android (android.graphics.Color)	4283377738 (0xFF4F284A)
YUV	55.5370, 9.1023, 20.5771
Hunter-Lab	19.1689, 15.0751, -7.9658




Details

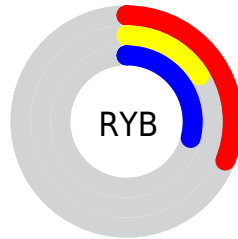
The YIQ color **55.5370, 12.3300, 18.8420** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **63.4630, -12.3300, -18.8420**, and the grayscale version is **55.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **103.6620, 13.4760, 20.1000**, and **13.8850, 11.2300, 16.7500** is the 20% darker color. If you saturate the color by 10%, you get **50.7270, 14.8510, 22.7150**, and if you desaturate by 10%, it is **60.3470, 9.8090, 14.9690**.

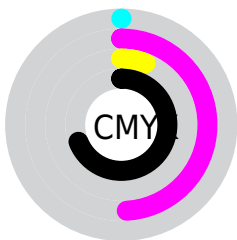
Distribution







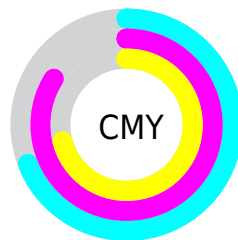
-  Red (31%)
-  Green (16%)
-  Blue (29%)






-  Red (31%)
-  Yellow (16%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (49%)
-  Yellow (6%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (84%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.5370, 12.3300, 18.8420 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 55.5370, 12.3300, 18.8420 by changing the saturation by 10% instead.

■ 55.5370, 12.3300,
18.8420

■ 55.5370, 12.3300,
18.8420

■ 255.0000, -0.0000,
-0.0000

■ 32.8250, 11.4590,
18.1070

■ 103.6620, 13.4760,
20.1000

■ 13.8850, 11.2300,
16.7500

■ 128.7870, 14.6220,
21.3580

■ 0.1140, -0.3210,
0.3110

■ 155.0860, 15.2180,
21.5700

■ 0.0000, 0.0000,
0.0000

■ 182.4990, 15.4930,
22.0930

■ 209.9120, 15.7680,
22.6160

■ 233.8680, 9.9000,

18.8280

250.3040, 2.2000,
4.1840

55.5370, 12.3300,
18.8420

55.5370, 12.3300,
18.8420

50.7270, 14.8510,
22.7150

60.3470, 9.8090,
14.9690

45.9170, 17.3720,
26.5880

65.1570, 7.2880,
11.0960

41.1070, 19.8930,
30.4610

69.9670, 4.7670,
7.2230

36.2970, 22.4140,
34.3340

74.7770, 2.2460,
3.3500

31.4870, 24.9350,
38.2070

79.5870, -0.2750,
-0.5230

■ 83.8100, -2.5210,
-3.8730

■ 88.6200, -5.0420,
-7.7460

■ 93.4300, -7.5630,
-11.6190

■ 98.2400, -10.0840,
-15.4920

Harmonies

Analogous

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



54.7670, -8.9890, 14.2350



55.5370, 12.3300, 18.8420



53.6110, 26.6810, 17.5690

Triad

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



55.5370, 12.3300, 18.8420



51.3870, 20.3590, -11.0410



45.4170, -41.0790, -9.9350

Complementary

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



55.5370, 12.3300, 18.8420



63.4630, -12.3300, -18.8420

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.



43.7240, -34.9340, -16.6780



55.5370, 12.3300, 18.8420



49.7270, 4.5420, -16.2420

Square

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



55.5370, 12.3300, 18.8420



52.3870, 29.5270, -0.9770



44.3420, -19.2990, -19.1950



45.9530, -45.3440, -4.2240

Rectangle

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



55.5370, 12.3300, 18.8420



53.0150, 31.1750, 13.2150



44.3420, -19.2990, -19.1950



45.3200, -39.4280, -12.3240

Sweetspot

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



55.5370, 12.3300, 18.8420



92.9670, 4.7670, 7.2230



45.9410, -9.5390, 13.1890



45.6030, 2.7960, 4.3960



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



55.5370, 12.3300, 18.8420



65.8680, 19.0680, 28.8920



53.3710, 18.4290, 12.9330



35.6520, 1.1000, 2.0920



40.6440, 32.2230, 49.3030



91.5700, 72.8800, 110.9600

Inverse Universe

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



55.5370, 12.3300, 18.8420



65.8680, 19.0680, 28.8920



65.6290, -18.4290, -12.9330



35.6520, 1.1000, 2.0920



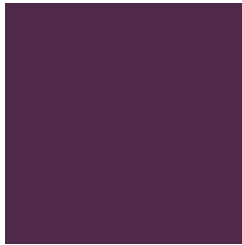
40.6440, 32.2230, 49.3030



91.5700, 72.8800, 110.9600

Previews

White Background



This preview shows how the YIQ color 55.5370, 12.3300, 18.8420 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

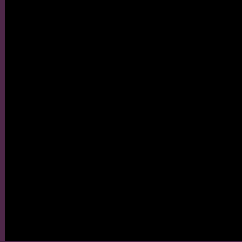
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.5370, 12.3300, 18.8420

Background



This preview shows how black text looks on a background with the YIQ color 55.5370, 12.3300, 18.8420.



This preview shows how white text looks on a background with the YIQ color 55.5370, 12.3300,

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

55.5370, 12.3300, 18.8420

Protanopia

54.2450, -16.5070, 7.3090

Deuteranopia

55.1550, -7.5660, 4.9620



Tritanopia

55.3120, 16.9170, 7.2930

Trichromacy



Original Color

55.5370, 12.3300, 18.8420

Protanomaly

54.7410, -6.1000, 11.4360

Deuteranomaly

55.3240, -0.5520, 10.0080

Tritanomaly

55.4630, 15.1740, 11.3500

Monochromacy



Original Color

55.5370, 12.3300, 18.8420

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.6680, 4.1710, 7.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.5370, 12.3300, 18.8420 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(79, 40, 74)` looks like.

```
.text, #text, p{  
    color:rgb(79, 40, 74)  
}
```

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(79, 40, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 40, 74) }
```

Border

The CSS property to change the border of an element to YIQ 55.5370, 12.3300, 18.8420 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(79, 40, 74) }
```


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

```
.border{ border-color:rgb(79, 40, 74) }
```

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

Here you see how a box with a 4 pixel rgb(79, 40, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 40, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 40, 74);  
box-shadow:4px 4px 4px 4px rgb(79, 40, 74)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.5370, 12.3300, 18.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 40, 74) }
```

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

```
.background{ background-color: rgb(79, 40,  
74) }
```

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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