

Converting Colors

YIQ(66.2550, 3.8960, 6.4880)

Have a look what the booklet for
YIQ(66.2550, 3.8960, 6.4880)
contains.

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Color

YIQ(66.2550, 3.8960, 6.4880)

Conversions

Conversions Part 1

Format	Color
Hex	4A3D49
RGB	74, 61, 73
RGB Percent	29%, 24%, 29%
CMY	0.7098, 0.7608, 0.7137
CMYK	0.00, 0.18, 0.01, 0.71
HSL	305°, 10%, 26%
HSV	305°, 18%, 29%
XYZ	5.6959, 5.2742, 7.0214
YIQ	66.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

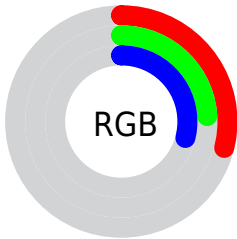
Format	Color
R_{YB}	74, 61, 73
Decimal	4865353
CIE Lab	27.50, 8.16, -5.20
CIE LCh	28, 9.671, 327.485
Yxy	5.2742, 0.3166, 0.2931
Android (android.graphics.Color)	4283055433 (0xFF4A3D49)
YUV	66.2550, 3.3253, 6.7924
Hunter-Lab	22.9656, 4.0814, -2.0511

Details

The YIQ color **66.2550, 3.8960, 6.4880** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **68.7450, -3.8960, -6.4880**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.0810, 4.4460, 7.5340**, and **23.4290, 3.3460, 5.4420** is the 20% darker color. If you saturate the color by 10%, you get **62.0320, 6.1420, 9.8380**, and if you desaturate by 10%, it is **70.4780, 1.6500, 3.1380**.

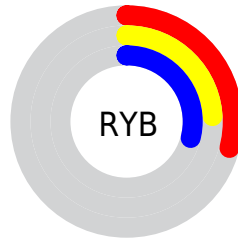
Distribution



Red (29%)

Green (24%)

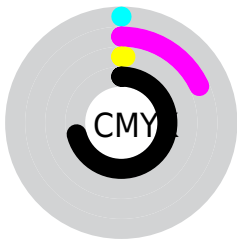
Blue (29%)



Red (29%)

Yellow (24%)

Blue (29%)

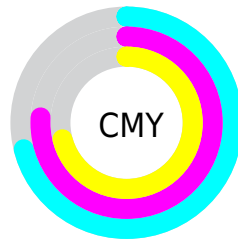


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (71%)



Cyan (71%)

Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.2550, 3.8960, 6.4880 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 66.2550, 3.8960, 6.4880 by changing the saturation by 10% instead.

■ 66.2550, 3.8960,
6.4880

■ 66.2550, 3.8960,
6.4880

■ 255.0000, -0.0000,
-0.0000

■ 43.8420, 3.6210,
5.9650

■ 114.0810, 4.4460,
7.5340

■ 23.4290, 3.3460,
5.4420

■ 139.9670, 4.7670,
7.2230

■ 0.2280, -0.6420,
0.6220

■ 166.0810, 4.4460,
7.5340

■ 0.0000, 0.0000,
0.0000

■ 193.3800, 5.0420,
7.7460

■ 221.3800, 5.0420,
7.7460

■ 247.9560, 3.3000,

6.2760

■ 66.2550, 3.8960,
6.4880

■ 66.2550, 3.8960,
6.4880

■ 62.0320, 6.1420,
9.8380

■ 70.4780, 1.6500,
3.1380

■ 57.3360, 8.3420,
14.0220

■ 75.1740, -0.5500,
-1.0460

■ 53.1130, 10.5880,
17.3720

■ 79.3970, -2.7960,
-4.3960

■ 48.4170, 12.7880,
21.5560

■ 84.0930, -4.9960,
-8.5800

■ 44.1940, 15.0340,
24.9060

■ 88.3160, -7.2420,
-11.9300

■ 40.0850, 16.9590,
28.5670

■ 92.4250, -9.1670,
-15.5910

■ 35.2750, 19.4800,
32.4400

■ 97.2350, -11.6880,
-19.4640

■ 31.0520, 21.7260,
35.7900

■ 101.4580,
-13.9340, -22.8140

■ 29.8780, 22.2760,
36.8360

■ 106.1540,
-16.1340, -26.9980

Harmonies

Analogous

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



65.3080, -3.6230, 5.0890



66.2550, 3.8960, 6.4880



66.3650, 9.3980, 5.8940

Triad

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



66.2550, 3.8960, 6.4880



64.4970, 8.6660, -2.8700



62.0520, -14.9460, -4.4660

Complementary

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



66.2550, 3.8960, 6.4880



68.7450, -3.8960, -6.4880

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.



62.1510, -10.9110, -6.0070



66.2550, 3.8960, 6.4880



64.0940, 2.4310, -5.5130

Square

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



66.2550, 3.8960, 6.4880



65.4590, 11.8290, 0.3810



62.8590, -4.2170, -6.1770



63.0460, -14.8090, -1.4410

Rectangle

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



66.2550, 3.8960, 6.4880



66.0940, 11.5990, 4.5510



62.8590, -4.2170, -6.1770



61.8240, -14.3040, -5.0880

Sweetspot

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



66.2550, 3.8960, 6.4880



94.0650, 1.3750, 2.6150



62.7810, -3.5770, 4.2550



46.8260, 0.5500, 1.0460



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



66.2550, 3.8960, 6.4880



85.0320, 6.1420, 9.8380



65.5710, 5.8220, 4.6220



35.6520, 1.1000, 2.0920



41.2140, 30.6180, 50.8580



92.9380, 69.0280, 114.6920

Inverse Universe

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



66.2550, 3.8960, 6.4880



85.0320, 6.1420, 9.8380



69.4290, -5.8220, -4.6220



35.6520, 1.1000, 2.0920



41.2140, 30.6180, 50.8580



92.9380, 69.0280, 114.6920

Previews

White Background



This preview shows how the YIQ color 66.2550, 3.8960, 6.4880 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



This preview shows how the YIQ color 66.2550, 3.8960, 6.4880 looks on a 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 66.2550, 3.8960, 6.4880

Background



This preview shows how black text looks on a background with the YIQ color 66.2550, 3.8960, 6.4880.

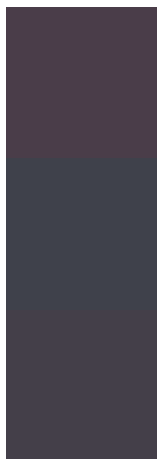


This preview shows how white text looks on a background with the YIQ color 66.2550, 3.8960, 6.4880.

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

66.2550, 3.8960, 6.4880

Protanopia

65.5420, -4.4020, 2.6860

Deuteranopia

65.6350, -0.2300, 4.1700



Tritanopia

65.8590, 4.9510, 3.8870

Trichromacy



Original Color

66.2550, 3.8960, 6.4880

Protanomaly

66.0370, -1.4220, 3.7460

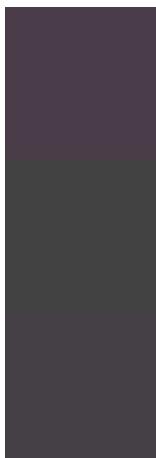
Deuteranomaly

65.6460, 1.2370, 5.1170

Tritanomaly

66.0870, 4.3090, 4.5090

Monochromacy



Original Color

66.2550, 3.8960, 6.4880

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.2550, 3.8960, 6.4880 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(74, 61, 73)` looks like.

```
.text, #text, p{  
    color:rgb(74, 61, 73)  
}
```

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(74, 61, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 61, 73) }
```

Border

The CSS property to change the border of an element to YIQ 66.2550, 3.8960, 6.4880 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(74, 61, 73) }
```

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

```
.border{ border-color:rgb(74, 61, 73) }
```

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

Here you see how a box with a 4 pixel rgb(74, 61, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 61, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 61, 73);  
box-shadow:4px 4px 4px 4px rgb(74, 61, 73)  
}
```


Background

The CSS property to change the background color of an element to YIQ 66.2550, 3.8960, 6.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 61, 73) }
```

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

```
.background{ background-color: rgb(74, 61,  
73) }
```

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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