

Converting Colors

YIQ(54.5950, -55.4790, 8.7530)

Have a look what the booklet for
YIQ(54.5950, -55.4790, 8.7530)
contains.

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Color

**YIQ(54.5950, -55.4790,
8.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	074083
RGB	7, 64, 131
RGB Percent	3%, 25%, 51%
CMY	0.9726, 0.7489, 0.4865
CMYK	0.95, 0.51, 0.00, 0.49
HSL	212°, 90%, 27%
HSV	212°, 95%, 51%
XYZ	6.0141, 5.3513, 22.1640
YIQ	54.5950, -55.4790, 8.7530

Conversions

Conversions Part 2

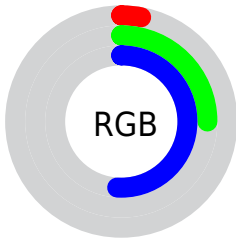
Format	Color
RYB	7, 46, 131
Decimal	475267
CIELab	27.71, 10.82, -42.28
CIELCh	28, 43.646, 284.358
Yxy	5.3513, 0.1794, 0.1596
Android (android.graphics.Color)	4278665347 (0xFF074083)
YUV	54.5950, 37.6677, -41.7408
Hunter-Lab	23.1330, 5.9237, -40.6135

Details

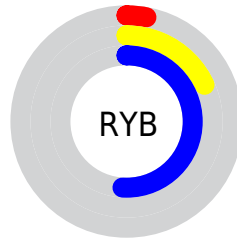
The YIQ color **54.5950, -55.4790, 8.7530** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **83.4050, 55.4790, -8.7530**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1670, -42.2300, 16.4420**, and **22.7350, -32.3260, 13.1620** is the 20% darker color. If you saturate the color by 10%, you get **50.1540, -58.5510, 9.3610**, and if you desaturate by 10%, it is **62.5910, -49.6560, 7.8480**.

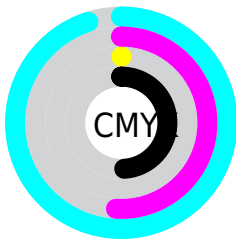
Distribution



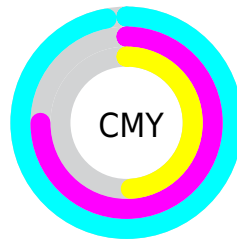
- Red (3%)
- Green (25%)
- Blue (51%)



- Red (3%)
- Yellow (18%)
- Blue (51%)



- Cyan (95%)
- Magenta (51%)
- Yellow (0%)
- Black (49%)



- Cyan (97%)
- Magenta (75%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.5950, -55.4790, 8.7530 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 54.5950, -55.4790, 8.7530 by changing the saturation by 10% instead.

■ 54.5950, -55.4790,
8.7530

■ 54.5950, -55.4790,
8.7530

■ 255.0000, -0.0000,
-0.0000

■ 37.2110, -45.5300,
10.1660

■ 110.1670,
-42.2300, 16.4420

■ 22.7350, -32.3260,
13.1620

■ 136.2920,
-41.0840, 17.7000

■ 9.4330, -19.6720,
15.1120

■ 163.2320,
-40.8550, 19.0570

■ 5.1640, -11.7850,
9.8390

■ 189.0490,
-36.0860, 15.2260

■ 1.0260, -2.8890,
2.7990

■ 214.1560,
-26.5020, 6.7300

■ 0.0000, 0.0000,
0.0000

■ 239.2630,

-16.9180, -1.7660

254.1030, -1.7880,
-0.6360

■ 54.5950, -55.4790,
8.7530

■ 54.5950, -55.4790,
8.7530

■ 50.1540, -58.5510,
9.3610

■ 62.5910, -49.6560,
7.8480

■ 70.5870, -43.8330,
6.9430

■ 78.5830, -38.0100,
6.0380

■ 86.5790, -32.1870,
5.1330

■ 94.5750, -26.3640,
4.2280

■ 102.8700,
-19.9450, 3.5350

■ 111.4530,
-14.3970, 2.1070

■ 119.4490, -8.5740,
1.2020

■ 127.4450, -2.7510,
0.2970

Harmonies

Analogous

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



58.2580, -62.0800, 1.7280



54.5950, -55.4790, 8.7530



66.8860, 1.4620, 28.5820

Triad

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



54.5950, -55.4790, 8.7530



61.2050, 50.8910, 8.3230



51.6170, -36.4910, -27.0110

Complementary

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



54.5950, -55.4790, 8.7530



83.4050, 55.4790, -8.7530

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.



52.9280, -9.8060, -31.5500



54.5950, -55.4790, 8.7530



61.8640, 40.9450, -9.6710

Square

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



54.5950, -55.4790, 8.7530



59.3260, 49.8330, 27.5050



60.2370, 20.3610, -22.0950



56.1940, -48.0010, -16.6490

Rectangle

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



54.5950, -55.4790, 8.7530



64.5530, 24.5690, 33.8250



60.2370, 20.3610, -22.0950



49.7760, -32.6850, -29.9090

Sweetspot

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



54.5950, -55.4790, 8.7530



141.3860, -21.4580, 3.4220



87.3120, -55.2860, -44.3260



68.6380, -13.4800, 2.0080



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



54.5950, -55.4790, 8.7530



65.8670, -76.6160, 11.8640



22.3320, -37.4200, 39.4120



62.4450, -2.7510, 0.2970



50.0400, -58.2300, 9.0500



0.9290, -1.2380, 0.4100

Inverse Universe

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



50.5740, 55.6070, 44.0150



60.1350, 76.5570, 60.8210



115.6680, 37.4200, -39.4120



62.1360, 2.6130, 2.2050



45.7100, 58.2200, 46.2200



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 54.5950, -55.4790, 8.7530 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 54.5950, -55.4790, 8.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

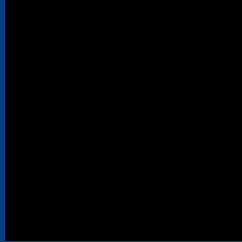
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.5950, -55.4790, 8.7530

Background



This preview shows how black text looks on a background with the YIQ color 54.5950, -55.4790, 8.7530.



This preview shows how white text looks on a background with the YIQ color 54.5950, -55.4790,

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

54.5950, -55.4790, 8.7530

Protanopia

58.3790, -45.9430, 12.1450

Deuteranopia

52.6670, -55.9820, 1.3460



Tritanopia

51.7430, -45.1130, -13.9210

Trichromacy



Original Color

54.5950, -55.4790, 8.7530

Protanomaly

56.8840, -48.9230, 11.0850

Deuteranomaly

53.5470, -55.5240, 4.0600

Tritanomaly

53.0450, -48.5990, -5.8070

Monochromacy



Original Color

54.5950, -55.4790, 8.7530

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8700, -19.9450, 3.5350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.5950, -55.4790, 8.7530 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(7, 64, 131)` looks like.

```
.text, #text, p{  
    color:rgb(7, 64, 131)  
}
```

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(7, 64, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 64, 131) }
```

Border

The CSS property to change the border of an element to YIQ 54.5950, -55.4790, 8.7530 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(7, 64, 131) }
```


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

```
.border{ border-color:rgb(7, 64, 131) }
```

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

Here you see how a box with a 4 pixel rgb(7, 64, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 64, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 64, 131);  
box-shadow:4px 4px 4px 4px rgb(7, 64, 131)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.5950, -55.4790, 8.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 64, 131) }
```

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

```
.background{ background-color: rgb(7, 64,  
131) }
```

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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