

Converting Colors

YIQ(59.5650, -55.9350, -5.0150)

Have a look what the booklet for
YIQ(59.5650, -55.9350, -5.0150)
contains.

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Color

**YIQ(59.5650, -55.9350,
-5.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	034E71
RGB	3, 78, 113
RGB Percent	1%, 31%, 44%
CMY	0.9883, 0.6940, 0.5571
CMYK	0.97, 0.31, 0.00, 0.56
HSL	199°, 95%, 23%
HSV	199°, 97%, 44%
XYZ	5.7407, 6.6632, 16.5876
YIQ	59.5650, -55.9350, -5.0150

Conversions

Conversions Part 2

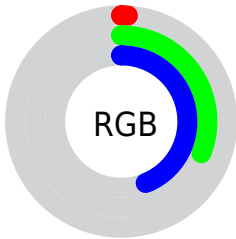
Format	Color
R _Y B	3, 48, 113
Decimal	216689
CIE Lab	31.03, -6.53, -25.73
CIE LCh	31, 26.550, 255.765
Yxy	6.6632, 0.1980, 0.2298
Android (android.graphics.Color)	4278406769 (0xFF034E71)
YUV	59.5650, 26.3435, -49.6075
Hunter-Lab	25.8132, -5.4753, -20.0307

Details

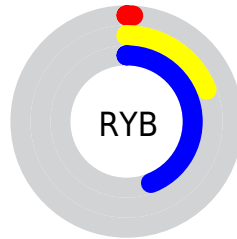
The YIQ color **59.5650, -55.9350, -5.0150** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **56.4350, 55.9350, 5.0150**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **115.1860, -44.3820, 0.3700**, and **27.3680, -30.2150, 2.4330** is the 20% darker color. If you saturate the color by 10%, you get **58.0810, -57.4480, -5.1280**, and if you desaturate by 10%, it is **65.2020, -50.4790, -4.7750**.

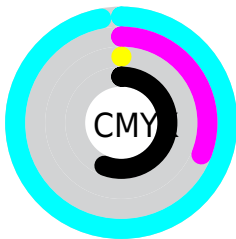
Distribution



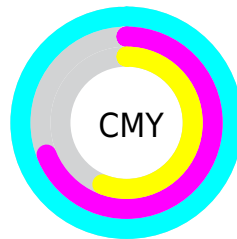
- Red (1%)
- Green (31%)
- Blue (44%)



- Red (1%)
- Yellow (19%)
- Blue (44%)



- Cyan (97%)
- Magenta (31%)
- Yellow (0%)
- Black (56%)



- Cyan (99%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.5650, -55.9350, -5.0150 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 59.5650, -55.9350, -5.0150 by changing the saturation by 10% instead.

■ 59.5650, -55.9350,
-5.0150

■ 59.5650, -55.9350,
-5.0150

■ 255.0000, -0.0000,
-0.0000

■ 42.3170, -43.3730,
-1.3970

■ 115.1860,
-44.3820, 0.3700

■ 27.3680, -30.2150,
2.4330

■ 141.8980,
-43.5110, 1.1050

■ 10.7720, -16.5530,
8.1430

■ 169.0120,
-43.8320, 1.4160

■ 2.9810, -7.0160,
6.0080

■ 196.5390,
-43.8780, 2.2500

■ 0.0000, 0.0000,
0.0000

■ 222.0310,
-36.8160, -4.5920

■ 242.4420,

-25.0320, -8.9040

251.1130, -7.7480,
-2.7560

59.5650, -55.9350,
-5.0150

59.5650, -55.9350,
-5.0150

58.0810, -57.4480,
-5.1280

65.2020, -50.4790,
-4.7750

70.5510, -44.1520,
-3.8000

76.1880, -38.6960,
-3.5600

81.2380, -32.9650,
-2.7970

86.8750, -27.5090,
-2.5570

■ 92.8110, -21.4570,
-2.1050

■ 97.8610, -15.7260,
-1.3420

■ 103.4980,
-10.2700, -1.1020

■ 108.8470, -3.9430,
-0.1270

Harmonies

Analogous

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



59.7620, -55.2920, -11.1640



59.5650, -55.9350, -5.0150



72.2000, -20.6340, 10.5180

Triad

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



59.5650, -55.9350, -5.0150



73.5420, 31.1290, 14.0490



67.1110, -5.4070, -17.6550

Complementary

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



59.5650, -55.9350, -5.0150



56.4350, 55.9350, 5.0150

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.



70.0980, 13.8030, -13.3730



59.5650, -55.9350, -5.0150



72.8160, 32.8730, 4.4650

Square

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



59.5650, -55.9350, -5.0150



75.0280, 21.1330, 18.9970



71.6700, 27.0520, -5.6840



61.1710, -31.9990, -20.3110

Rectangle

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



59.5650, -55.9350, -5.0150



74.8600, -4.8170, 15.7190



71.6700, 27.0520, -5.6840



68.6450, 1.8370, -16.7790

Sweetspot

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



59.5650, -55.9350, -5.0150



126.9250, -21.7780, -1.7940



71.5600, -41.4850, -46.6450



61.5300, -13.2960, -1.3280



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



59.5650, -55.9350, -5.0150



76.1590, -75.2830, -6.7950



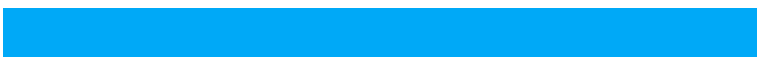
27.2800, -40.8100, 23.7500



53.0320, -3.0260, -0.2260



61.8140, -61.0700, -5.5660



127.3610, -125.7620, -11.5700

Inverse Universe

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



44.4400, 41.4850, 46.6450



55.7660, 55.7870, 62.7870



88.7200, 40.8100, -23.7500



52.2500, 2.2920, 2.5160



45.2280, 45.1980, 50.9420



93.1190, 92.9630, 104.9230

Previews

White Background



This preview shows how the YIQ color 59.5650, -55.9350, -5.0150 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 59.5650, -55.9350, -5.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

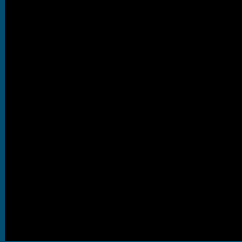
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.5650, -55.9350, -5.0150

Background



This preview shows how black text looks on a background with the YIQ color 59.5650, -55.9350, -5.0150.



This preview shows how white text looks on a background with the YIQ color 59.5650, -55.9350,

-5.0150.

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

59.5650, -55.9350, -5.0150

Protanopia

72.8150, -18.1120, 8.8640

Deuteranopia

71.3950, -25.6770, 8.2990



Tritanopia

57.4650, -50.2020, -15.3060

Trichromacy



Original Color

59.5650, -55.9350, -5.0150

Protanomaly

67.9380, -31.8200, 3.9880

Deuteranomaly

67.1870, -36.9550, 3.4370

Tritanomaly

58.2030, -52.2200, -11.7720

Monochromacy



Original Color

59.5650, -55.9350, -5.0150

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.9960, -20.5400, -2.2040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.5650, -55.9350, -5.0150 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(3, 78, 113)` looks like.

```
.text, #text, p{  
    color:rgb(3, 78, 113)  
}
```

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(3, 78, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 78, 113) }
```

Border

The CSS property to change the border of an element to YIQ 59.5650, -55.9350, -5.0150 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(3, 78, 113) }
```


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

```
.border{ border-color:rgb(3, 78, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 78, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 78, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 78, 113);  
box-shadow:4px 4px 4px 4px rgb(3, 78, 113)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.5650, -55.9350, -5.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 78, 113) }
```

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

```
.background{ background-color: rgb(3, 78,  
113) }
```

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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