

Converting Colors

YIQ(94.0350, -59.8340, 5.0780)

Have a look what the booklet for
YIQ(94.0350, -59.8340, 5.0780)
contains.

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Color

**YIQ(94.0350, -59.8340,
5.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	286BA9
RGB	40, 107, 169
RGB Percent	16%, 42%, 66%
CMY	0.8432, 0.5803, 0.3375
CMYK	0.76, 0.37, 0.00, 0.34
HSL	209°, 62%, 41%
HSV	209°, 76%, 66%
XYZ	13.2891, 13.8336, 39.4700
YIQ	94.0350, -59.8340, 5.0780

Conversions

Conversions Part 2

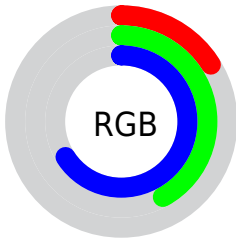
Format	Color
R_{YB}	40, 84, 169
Decimal	2649001
CIE _{Lab}	43.99, 0.92, -39.17
CIE _{LCh}	44, 39.178, 271.344
Yxy	13.8336, 0.1996, 0.2077
Android (android.graphics.Color)	4280839081 (0xFF286BA9)
YUV	94.0350, 36.9577, -47.3887
Hunter-Lab	37.1936, -1.3115, -36.8833

Details

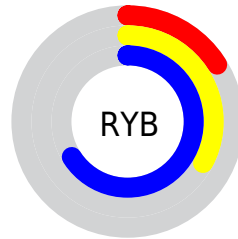
The YIQ color **94.0350, -59.8340, 5.0780** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **114.9650, 59.8340, -5.0780**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4920, -53.6910, 9.3890**, and **48.4440, -53.7360, 4.6960** is the 20% darker color. If you saturate the color by 10%, you get **84.2560, -67.7660, 5.6580**, and if you desaturate by 10%, it is **103.8140, -51.9020, 4.4980**.

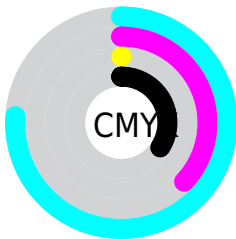
Distribution



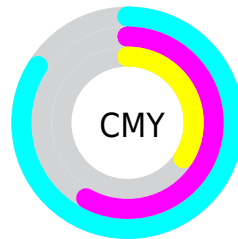
- Red (16%)
- Green (42%)
- Blue (66%)



- Red (16%)
- Yellow (33%)
- Blue (66%)



- Cyan (76%)
- Magenta (37%)
- Yellow (0%)
- Black (34%)



- Cyan (84%)
- Magenta (58%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.0350, -59.8340, 5.0780 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 94.0350, -59.8340, 5.0780 by changing the saturation by 10% instead.

■ 94.0350, -59.8340,
5.0780

■ 94.0350, -59.8340,
5.0780

■ 255.0000, -0.0000,
-0.0000

■ 64.9090, -68.4070,
0.7530

■ 149.4920,
-53.6910, 9.3890

■ 48.4440, -53.7360,
4.6960

■ 177.2040,
-52.8200, 10.1240

■ 33.2670, -39.9360,
7.9040

■ 201.6530,
-44.1990, 2.5610

■ 18.2040, -26.4570,
11.4230

■ 227.3470,
-34.8900, -6.4580

■ 6.8910, -15.2700,
12.4260

■ 244.5350,
-20.8600, -7.4200

■ 3.2090, -7.6580,
6.6300

■ 253.5050, -2.9800,

■ 0.0000, 0.0000,

-1.0600

0.0000

■ 94.0350, -59.8340,
5.0780

■ 94.0350, -59.8340,
5.0780

■ 84.2560, -67.7660,
5.6580

■ 103.8140,
-51.9020, 4.4980

■ 74.4770, -75.6980,
6.2380

■ 113.5930,
-43.9700, 3.9180

■ 70.9220, -78.4490,
6.5350

■ 123.3720,
-36.0380, 3.3380

■ 133.1510,
-28.1060, 2.7580

■ 143.2180,
-21.0450, 1.4430

■ 152.9970,
-13.1130, 0.8630

■ 162.7760, -5.1810,
0.2830

■ 172.5550, 2.7510,
-0.2970

■ 182.3340, 10.6830,
-0.8770

Harmonies

Analogous

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



85.8590, -83.3060, -10.0740



94.0350, -59.8340, 5.0780



105.9980, -13.7130, 22.7590

Triad

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



94.0350, -59.8340, 5.0780



103.6060, 51.4400, 14.8960



90.2170, -29.6130, -30.5170

Complementary

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



94.0350, -59.8340, 5.0780



114.9650, 59.8340, -5.0780

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.



97.3000, 6.8820, -25.6140



94.0350, -59.8340, 5.0780



102.7280, 47.5000, -1.8120

Square

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



94.0350, -59.8340, 5.0780



104.6180, 43.1390, 27.6750



100.6300, 32.5560, -17.3320



82.2960, -66.3840, -30.4160

Rectangle

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



94.0350, -59.8340, 5.0780



107.3770, 10.2650, 28.7370



100.6300, 32.5560, -17.3320



93.3990, -15.4460, -28.4540

Sweetspot

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



94.0350, -59.8340, 5.0780



189.9620, -23.2000, 1.9520



122.5630, -54.7350, -48.8070



91.9260, -14.3510, 1.2730



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



94.0350, -59.8340, 5.0780



101.9620, -93.1210, 8.1190



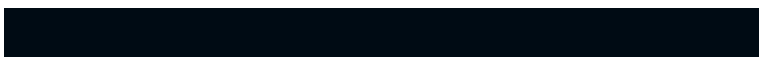
57.0540, -42.5090, 38.0270



79.2600, -3.6680, 0.3960



62.0710, -68.6830, 5.7570



8.7370, -9.4450, 0.4670

Inverse Universe

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



86.2090, 55.3770, 48.1850



89.9550, 86.4120, 74.9560



151.9460, 42.5090, -38.0270



78.8480, 3.4840, 2.9400



53.0300, 63.4910, 55.3230



7.2340, 8.3890, 7.6610

Previews

White Background



This preview shows how the YIQ color 94.0350, -59.8340, 5.0780 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 × Fail

Black Background



This preview shows how the YIQ color 94.0350, -59.8340, 5.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

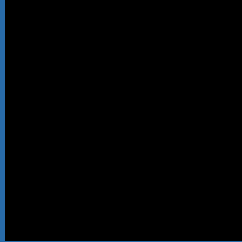
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.0350, -59.8340, 5.0780

Background



This preview shows how black text looks on a background with the YIQ color 94.0350, -59.8340, 5.0780.



This preview shows how white text looks on a background with the YIQ color 94.0350, -59.8340,

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

94.0350, -59.8340, 5.0780

Protanopia

101.9030, -32.7390, 15.1410

Deuteranopia

98.9660, -46.2180, 11.6220



Tritanopia

81.6410, -71.4290, -21.5810

Trichromacy



Original Color

94.0350, -59.8340, 5.0780

Protanomaly

98.8200, -42.8710, 11.5370

Deuteranomaly

97.1610, -51.2610, 9.4030

Tritanomaly

86.1890, -66.8000, -11.8560

Monochromacy



Original Color

94.0350, -59.8340, 5.0780

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0330, -21.9620, 1.5420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.0350, -59.8340, 5.0780 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(40, 107, 169)` looks like.

```
.text, #text, p{  
    color:rgb(40, 107, 169)  
}
```

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(40, 107, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 107, 169) }
```

Border

The CSS property to change the border of an element to YIQ 94.0350, -59.8340, 5.0780 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(40, 107, 169) }
```


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

```
.border{ border-color:rgb(40, 107, 169) }
```

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

Here you see how a box with a 4 pixel rgb(40, 107, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 107, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 107, 169);  
box-shadow:4px 4px 4px 4px rgb(40, 107,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 94.0350, -59.8340, 5.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 107, 169) }
```

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

```
.background{ background-color: rgb(40, 107,  
169) }
```

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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