

Converting Colors

YIQ(105.4350, -66.7120, 8.5840)

Have a look what the booklet for
YIQ(105.4350, -66.7120, 8.5840)
contains.

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Color

**YIQ(105.4350, -66.7120,
8.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	2F76C2
RGB	47, 118, 194
RGB Percent	18%, 46%, 76%
CMY	0.8158, 0.5371, 0.2395
CMYK	0.76, 0.39, 0.00, 0.24
HSL	211°, 61%, 47%
HSV	211°, 76%, 76%
XYZ	17.3812, 17.4589, 53.4442
YIQ	105.4350, -66.7120, 8.5840

Conversions

Conversions Part 2

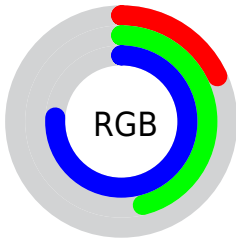
Format	Color
RYB	47, 95, 194
Decimal	3110594
CIELab	48.83, 4.35, -45.98
CIELCh	49, 46.189, 275.404
Yxy	17.4589, 0.1969, 0.1978
Android (android.graphics.Color)	4281300674 (0xFF2F76C2)
YUV	105.4350, 43.6625, -51.2475
Hunter-Lab	41.7838, 1.1304, -46.5870

Details

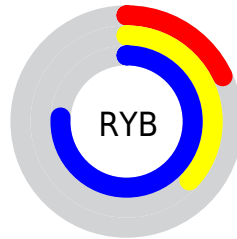
The YIQ color **105.4350, -66.7120, 8.5840** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **135.5650, 66.7120, -8.5840**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1910, -59.9730, 13.1070**, and **57.0500, -64.1900, 6.9300** is the 20% darker color. If you saturate the color by 10%, you get **93.8840, -75.2860, 9.7860**, and if you desaturate by 10%, it is **116.9860, -58.1380, 7.3820**.

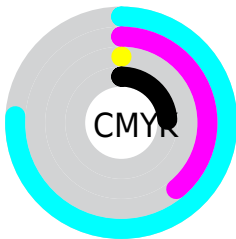
Distribution



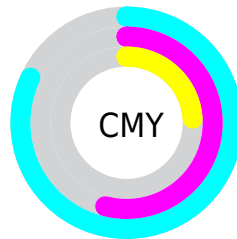
- Red (18%)
- Green (46%)
- Blue (76%)



- Red (18%)
- Yellow (37%)
- Blue (76%)



- Cyan (76%)
- Magenta (39%)
- Yellow (0%)
- Black (24%)



- Cyan (82%)
- Magenta (54%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.4350, -66.7120, 8.5840 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 105.4350, -66.7120, 8.5840 by changing the saturation by 10% instead.

■ 105.4350,
-66.7120, 8.5840

■ 105.4350,
-66.7120, 8.5840

■ 255.0000, -0.0000,
-0.0000

■ 74.1020, -79.1360,
2.4640

■ 162.1910,
-59.9730, 13.1070

■ 57.0500, -64.1900,
6.9300

■ 187.4660,
-50.8020, 6.5900

■ 41.7590, -50.0690,
9.8270

■ 212.5730,
-41.2180, -1.9060

■ 27.1690, -36.5440,
12.5120

■ 237.9790,
-31.0380, -10.1900

■ 11.5190, -22.7900,
16.5540

■ 248.1230,
-13.7080, -4.8760

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 105.4350,
-66.7120, 8.5840

■ 105.4350,
-66.7120, 8.5840

■ 93.8840, -75.2860,
9.7860

■ 116.9860,
-58.1380, 7.3820

■ 82.0340, -84.4560,
10.7760

■ 128.8360,
-48.9680, 6.3920

■ 77.2940, -88.1240,
11.1720

■ 140.3870,
-40.3940, 5.1900

■ 152.2370,
-31.2240, 4.2000

■ 163.7880,
-22.6500, 2.9980

■ 175.3390,
-14.0760, 1.7960

■ 187.1890, -4.9060,
0.8060

■ 198.7400, 3.6680,
-0.3960

■ 210.5900, 12.8380,
-1.3860

Harmonies

Analogous

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



97.0410, -95.5020, -9.3100



105.4350, -66.7120, 8.5840



118.9540, -10.4130, 29.0350

Triad

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



105.4350, -66.7120, 8.5840



114.1080, 61.7100, 15.9980



93.6980, -50.3810, -39.6050

Complementary

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



105.4350, -66.7120, 8.5840



135.5650, 66.7120, -8.5840

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.



106.9310, 3.3070, -32.4130



105.4350, -66.7120, 8.5840



113.5130, 55.2950, -5.4170

Square

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



105.4350, -66.7120, 8.5840



115.4130, 54.1420, 32.0140



110.9090, 35.9040, -22.9440



93.1530, -76.2870, -32.6630

Rectangle

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



105.4350, -66.7120, 8.5840



119.6000, 17.1870, 35.4510



110.9090, 35.9040, -22.9440



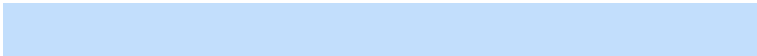
100.7240, -26.9070, -35.5070

Sweetspot

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



105.4350, -66.7120, 8.5840



217.0480, -26.3180, 3.3940



141.6110, -63.8580, -54.1780



106.0830, -16.2310, 2.3050



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



105.4350, -66.7120, 8.5840



114.2630, -104.0340, 13.1660



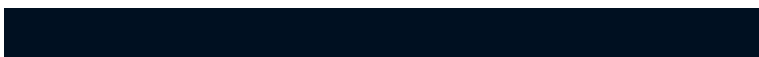
63.7580, -47.1870, 45.7170



91.0750, -4.5850, 0.4950



64.1400, -73.1310, 9.2770



13.1540, -14.9930, 1.8950

Inverse Universe

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



99.0470, 64.8210, 53.2450



104.1250, 100.8530, 83.0690



177.2420, 47.1870, -45.7170



90.5600, 4.3550, 3.6750



57.0310, 70.9180, 58.3900



11.6910, 14.5320, 11.9720

Previews

White Background



This preview shows how the YIQ color 105.4350, -66.7120, 8.5840 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 105.4350, -66.7120, 8.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

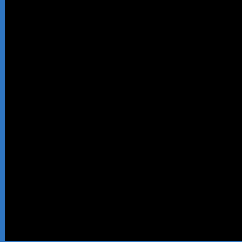
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.4350, -66.7120, 8.5840

Background



This preview shows how black text looks on a background with the YIQ color 105.4350, -66.7120, 8.5840.



This preview shows how white text looks on a background with the YIQ color 105.4350, -66.7120,

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

105.4350, -66.7120, 8.5840

Protanopia

113.2920, -41.0840, 17.7000

Deuteranopia

108.1480, -58.4140, 12.3860



Tritanopia

90.8680, -79.4980, -24.0260

Trichromacy



Original Color

105.4350, -66.7120, 8.5840

Protanomaly

110.5080, -50.6200, 14.3080

Deuteranomaly

107.2400, -61.6690, 10.8030

Tritanomaly

95.8830, -74.6860, -12.1100

Monochromacy



Original Color

105.4350, -66.7120, 8.5840

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.3040, -24.1630, 2.8850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.4350, -66.7120, 8.5840 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(47, 118, 194)` looks like.

```
.text, #text, p{  
    color:rgb(47, 118, 194)  
}
```

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(47, 118, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 118, 194) }
```

Border

The CSS property to change the border of an element to YIQ 105.4350, -66.7120, 8.5840 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(47, 118, 194) }
```


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

```
.border{ border-color:rgb(47, 118, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 118, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 118, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 118, 194);  
box-shadow:4px 4px 4px 4px rgb(47, 118,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 105.4350, -66.7120, 8.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 118, 194) }
```

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

```
.background{ background-color: rgb(47, 118,  
194) }
```

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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