

Converting Colors

YIQ(92.8990, -26.9160, 14.2360)

Have a look what the booklet for
YIQ(92.8990, -26.9160, 14.2360)
contains.

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Color

**YIQ(92.8990, -26.9160,
14.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5B93
RGB	76, 91, 147
RGB Percent	30%, 36%, 58%
CMY	0.7019, 0.6431, 0.4237
CMYK	0.48, 0.38, 0.00, 0.42
HSL	227°, 32%, 44%
HSV	227°, 48%, 58%
XYZ	11.9856, 11.1251, 29.1037
YIQ	92.8990, -26.9160, 14.2360

Conversions

Conversions Part 2

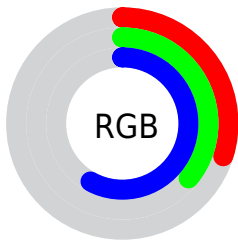
Format	Color
R _Y B	76, 88, 147
Decimal	5004179
CIE Lab	39.79, 10.26, -32.64
CIE LCh	40, 34.215, 287.443
Yxy	11.1251, 0.2295, 0.2131
Android (android.graphics.Color)	4283194259 (0xFF4C5B93)
YUV	92.8990, 26.6718, -14.8204
Hunter-Lab	33.3544, 5.7720, -28.3860

Details

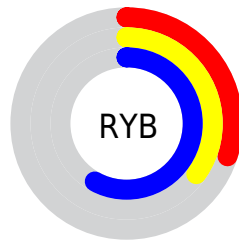
The YIQ color **92.8990, -26.9160, 14.2360** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **130.1010, 26.9160, -14.2360**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.2520, -26.4120, 16.1160**, and **44.2250, -30.9500, 10.2500** is the 20% darker color. If you saturate the color by 10%, you get **81.3700, -32.5560, 17.3320**, and if you desaturate by 10%, it is **104.4280, -21.2760, 11.1400**.

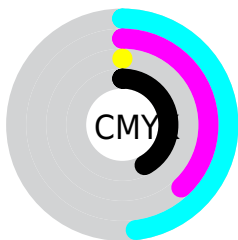
Distribution



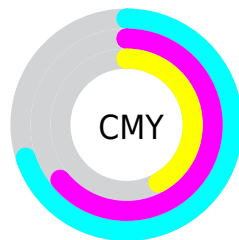
- Red (30%)
- Green (36%)
- Blue (58%)



- Red (30%)
- Yellow (35%)
- Blue (58%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)
- Black (42%)



- Cyan (70%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.8990, -26.9160, 14.2360 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 92.8990, -26.9160, 14.2360 by changing the saturation by 10% instead.

■ 92.8990, -26.9160,
14.2360

■ 92.8990, -26.9160,
14.2360

■ 255.0000, -0.0000,
-0.0000

■ 68.6600, -27.7410,
12.6670

■ 144.2520,
-26.4120, 16.1160

■ 44.2250, -30.9500,
10.2500

■ 170.8930,
-26.7790, 17.2610

■ 22.8830, -29.9870,
9.3170

■ 197.6650,
-26.1370, 16.6390

■ 5.5860, -15.7290,
15.2390

■ 222.7720,
-16.5530, 8.1430

■ 3.6650, -8.9420,
7.8740

■ 248.4660, -7.2440,
-0.8760

■ 0.0000, 0.0000,
0.0000

■ 92.8990, -26.9160,
14.2360

■ 92.8990, -26.9160,
14.2360

■ 81.3700, -32.5560,
17.3320

■ 104.4280,
-21.2760, 11.1400

■ 70.7270, -37.8750,
20.1170

■ 115.0710,
-15.9570, 8.3550

■ 59.1980, -43.5150,
23.2130

■ 126.6000,
-10.3170, 5.2590

■ 48.2560, -49.4300,
25.7860

■ 137.5420, -4.4020,
2.6860

■ 37.0260, -54.4740,
29.0940

■ 148.7720, 0.6420,
-0.6220

■ 34.9550, -55.7120,
29.5040

■ 160.3010, 6.2820,
-3.7180

■ 171.2430, 12.1970,
-6.2910

■ 182.7720, 17.8370,

-9.3870

■ 193.4150, 23.1560,
-12.1720

Harmonies

Analogous

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



75.5720, -75.0080, -6.2720



92.8990, -26.9160, 14.2360



96.6920, 4.7640, 23.8040

Triad

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



92.8990, -26.9160, 14.2360



93.2040, 43.4640, 5.2560



72.3420, -54.8300, -30.5580

Complementary

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



92.8990, -26.9160, 14.2360



130.1010, 26.9160, -14.2360

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.



85.8560, -9.3030, -24.1430



92.8990, -26.9160, 14.2360



91.8680, 35.1220, -8.7660

Square

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



92.8990, -26.9160, 14.2360



94.3370, 42.1320, 18.3880



89.3770, 17.1510, -18.9850



75.9360, -65.0100, -22.2740

Rectangle

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



92.8990, -26.9160, 14.2360



96.7280, 22.2780, 25.7820



89.3770, 17.1510, -18.9850



79.8840, -32.8690, -26.5730

Sweetspot

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



92.8990, -26.9160, 14.2360



170.6000, -10.3170, 5.2590



124.0610, -37.5010, -19.7170



84.2860, -6.5570, 3.1950



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



92.8990, -26.9160, 14.2360



106.7420, -42.2310, 21.9690



90.0740, -10.8710, 26.3210



68.3850, -2.5220, 1.6540



32.7550, -52.2730, 27.7510



2.3140, -3.7600, 2.0640

Inverse Universe

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



98.9390, 37.5010, 19.7170



115.9250, 58.4520, 30.9960



132.9260, 10.8710, -26.3210



69.2070, 3.8510, 1.7950



44.5680, 72.9390, 38.2750



3.2180, 5.3180, 2.7420

Previews

White Background



This preview shows how the YIQ color 92.8990, -26.9160, 14.2360 looks on a white background.

Color Contrast Check

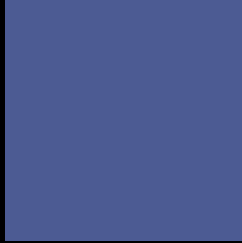
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.8990, -26.9160, 14.2360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

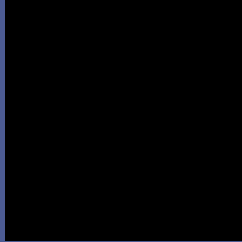
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.8990, -26.9160, 14.2360

Background



This preview shows how black text looks on a background with the YIQ color 92.8990, -26.9160, 14.2360.



This preview shows how white text looks on a background with the YIQ color 92.8990, -26.9160,

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

92.8990, -26.9160, 14.2360

Protanopia

92.7030, -29.3000, 13.3880

Deuteranopia

91.2570, -33.9760, 10.0240



Tritanopia

89.4470, -23.4280, -4.9320

Trichromacy



Original Color

92.8990, -26.9160, 14.2360

Protanomaly

93.0020, -28.7040, 13.6000

Deuteranomaly

91.8660, -31.3170, 11.3950

Tritanomaly

90.5920, -25.0340, 2.1500

Monochromacy



Original Color

92.8990, -26.9160, 14.2360

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.8990, -9.7210, 5.4710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.8990, -26.9160, 14.2360 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(76, 91, 147)` looks like.

```
.text, #text, p{  
    color:rgb(76, 91, 147)  
}
```

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(76, 91, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 91, 147) }
```

Border

The CSS property to change the border of an element to YIQ 92.8990, -26.9160, 14.2360 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(76, 91, 147) }
```


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

```
.border{ border-color:rgb(76, 91, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 91, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 91, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 91, 147);  
box-shadow:4px 4px 4px 4px rgb(76, 91,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 92.8990, -26.9160, 14.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 91, 147) }
```

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

```
.background{ background-color: rgb(76, 91,  
147) }
```

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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