

Converting Colors

YIQ(92.6600, -35.7680, 31.4960)

Have a look what the booklet for
YIQ(92.6600, -35.7680, 31.4960)
contains.

YIQ(92.6600, -35.7680, 31.4960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(92.6600, -35.7680,
31.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	4E52BA
RGB	78, 82, 186
RGB Percent	31%, 32%, 73%
CMY	0.6940, 0.6784, 0.2708
CMYK	0.58, 0.56, 0.00, 0.27
HSL	238°, 44%, 52%
HSV	238°, 58%, 73%
XYZ	15.0174, 11.1979, 47.7927
YIQ	92.6600, -35.7680, 31.4960

Conversions

Conversions Part 2

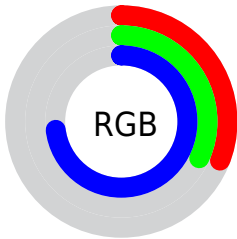
Format	Color
R_{YB}	78, 82, 186
Decimal	5132986
CIE _{Lab}	39.91, 29.31, -55.60
CIE _{LCh}	40, 62.847, 297.795
Yxy	11.1979, 0.2029, 0.1513
Android (android.graphics.Color)	4283323066 (0xFF4E52BA)
YUV	92.6600, 46.0166, -12.8568
Hunter-Lab	33.4633, 21.5449, -61.2543

Details

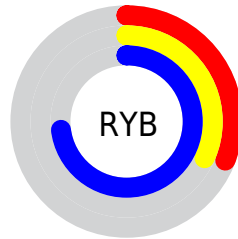
The YIQ color **92.6600, -35.7680, 31.4960** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **171.3400, 35.7680, -31.4960**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **145.2630, -32.9720, 35.8920**, and **36.7670, -52.5470, 21.7010** is the 20% darker color. If you saturate the color by 10%, you get **76.4130, -42.1420, 36.8820**, and if you desaturate by 10%, it is **108.9070, -29.3940, 26.1100**.

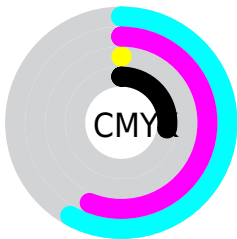
Distribution



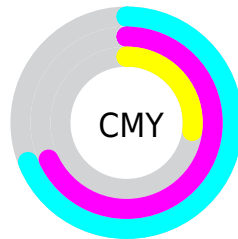
- Red (31%)
- Green (32%)
- Blue (73%)



- Red (31%)
- Yellow (32%)
- Blue (73%)



- Cyan (58%)
- Magenta (56%)
- Yellow (0%)
- Black (27%)



- Cyan (69%)
- Magenta (68%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.6600, -35.7680, 31.4960 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 92.6600, -35.7680, 31.4960 by changing the saturation by 10% instead.

■ 92.6600, -35.7680,
31.4960

■ 92.6600, -35.7680,
31.4960

■ 255.0000, -0.0000,
-0.0000

■ 66.5130, -39.8480,
28.3440

■ 145.2630,
-32.9720, 35.8920

■ 36.7670, -52.5470,
21.7010

■ 171.1510,
-26.9650, 31.6510

■ 22.6500, -38.9760,
23.5520

■ 195.0840,
-16.8310, 24.2010

■ 9.2340, -26.0010,
25.1910

■ 220.1910, -7.2470,
15.7050

■ 9.4330, -19.6720,
15.1120

■ 246.1840, 2.6580,
6.8980

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 92.6600, -35.7680,
31.4960

■ 92.6600, -35.7680,
31.4960

■ 76.4130, -42.1420,
36.8820

■ 108.9070,
-29.3940, 26.1100

■ 60.4650, -47.9200,
42.4800

■ 124.8550,
-23.6160, 20.5120

■ 44.2180, -54.2940,
47.8660

■ 141.1020,
-17.2420, 15.1260

■ 28.2700, -60.0720,
53.4640

■ 157.0500,
-11.4640, 9.5280

■ 25.3130, -61.6310,
54.1850

■ 173.2970, -5.0900,
4.1420

■ 188.9570, 1.5590,
-0.7210

■ 204.9050, 7.3370,
-6.3190

■ 221.1520, 13.7110,
-11.7050

■ 237.1000, 19.4890,
-17.3030

Harmonies

Analogous

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



82.4460, -91.6080, 8.2320



92.6600, -35.7680, 31.4960



92.4740, 26.9500, 51.2540

Triad

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



92.6600, -35.7680, 31.4960



86.5600, 74.2760, -2.4920



78.2380, -60.4690, -32.9890

Complementary

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



92.6600, -35.7680, 31.4960



171.3400, 35.7680, -31.4960

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.



69.6200, -41.7140, -48.0020



92.6600, -35.7680, 31.4960



88.6990, 45.3030, -22.5770

Square

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



92.6600, -35.7680, 31.4960



81.5270, 80.1840, 33.6240



81.9670, 11.6530, -40.4990



84.1660, -77.1610, -16.8170

Rectangle

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



92.6600, -35.7680, 31.4960



83.2620, 57.0260, 56.8500



81.9670, 11.6530, -40.4990



75.5990, -54.4160, -38.0640

Sweetspot

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



92.6600, -35.7680, 31.4960



206.8480, -13.7110, 11.7050



153.1380, -62.7630, -24.4510



101.3230, -7.9790, 6.9410



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



92.6600, -35.7680, 31.4960



95.7880, -55.8990, 49.4210



104.9630, -5.4640, 43.9760



84.0260, -2.8890, 2.7990



21.3060, -51.7260, 45.3780



3.7790, -9.2630, 8.1850

Inverse Universe

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



110.7480, 63.0840, 24.1400



124.2150, 98.7980, 37.6940



159.0370, 5.4640, -43.9760



85.6910, 5.3640, 1.9080



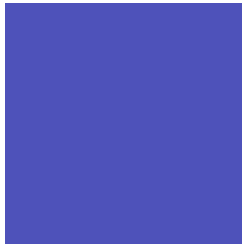
47.3280, 91.0500, 34.9380



8.4860, 16.3670, 6.2470

Previews

White Background



This preview shows how the YIQ color 92.6600, -35.7680, 31.4960 looks on a white background.

Color Contrast Check

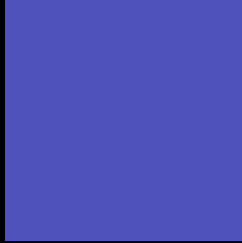
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.6600, -35.7680, 31.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

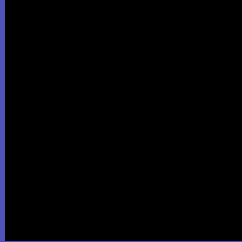
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.6600, -35.7680, 31.4960

Background



This preview shows how black text looks on a background with the YIQ color 92.6600, -35.7680, 31.4960.



This preview shows how white text looks on a background with the YIQ color 92.6600, -35.7680,

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

92.6600, -35.7680, 31.4960

Protanopia

74.7180, -86.3820, 12.6420

Deuteranopia

75.3900, -80.0070, 1.7290



Tritanopia

86.4670, -35.3480, -9.1720

Trichromacy



Original Color

92.6600, -35.7680, 31.4960

Protanomaly

81.1010, -68.2270, 19.5250

Deuteranomaly

81.6250, -64.1910, 12.4570

Tritanomaly

88.8390, -35.8550, 5.5290

Monochromacy



Original Color

92.6600, -35.7680, 31.4960

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.0330, -12.7940, 11.6060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.6600, -35.7680, 31.4960 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(78, 82, 186)` looks like.

```
.text, #text, p{  
    color:rgb(78, 82, 186)  
}
```

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(78, 82, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 82, 186) }
```

Border

The CSS property to change the border of an element to YIQ 92.6600, -35.7680, 31.4960 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(78, 82, 186) }
```


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

```
.border{ border-color:rgb(78, 82, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 82, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 82, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 82, 186);  
box-shadow:4px 4px 4px 4px rgb(78, 82,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 92.6600, -35.7680, 31.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 82, 186) }
```

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

```
.background{ background-color: rgb(78, 82,  
186) }
```

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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