

Converting Colors

YIQ(84.7260, -26.9660, 37.1780)

Have a look what the booklet for
YIQ(84.7260, -26.9660, 37.1780)
contains.

| | |
|--|----|
| YIQ(84.7260, -26.9660, 37.1780) | 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(84.7260, -26.9660,
37.1780)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5244B2 |
| RGB | 82, 68, 178 |
| RGB Percent | 32%, 27%, 70% |
| CMY | 0.6783, 0.7334, 0.3022 |
| CMYK | 0.54, 0.62, 0.00, 0.30 |
| HSL | 248°, 45%, 48% |
| HSV | 248°, 62%, 70% |
| XYZ | 13.5797, 9.1410, 43.1423 |
| YIQ | 84.7260, -26.9660, 37.1780 |

Conversions

Conversions Part 2

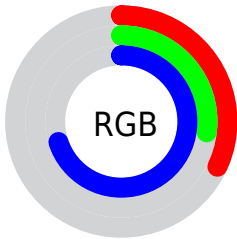
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 82, 68, 178 |
| Decimal | 5391538 |
| CIE Lab | 36.25, 36.15, -56.80 |
| CIE LCh | 36, 67.333, 302.477 |
| Yxy | 9.1410, 0.2062, 0.1388 |
| Android (android.graphics.Color) | 4283581618 (0xFF5244B2) |
| YUV | 84.7260, 45.9841, -2.3907 |
| Hunter-Lab | 30.2340, 27.2642, -63.4399 |

Details

The YIQ color **84.7260, -26.9660, 37.1780** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **161.2740, 26.9660, -37.1780**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.0300, -24.7660, 41.3620**, and **30.6270, -40.1690, 28.6550** is the 20% darker color. If you saturate the color by 10%, you get **69.6750, -30.9560, 43.4120**, and if you desaturate by 10%, it is **100.0760, -22.3800, 31.1560**.

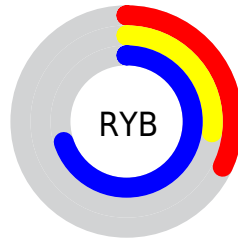
Distribution



Red (32%)

Green (27%)

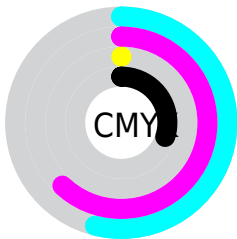
Blue (70%)



Red (32%)

Yellow (27%)

Blue (70%)

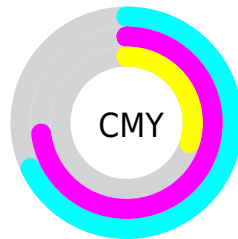


Cyan (54%)

Magenta (62%)

Yellow (0%)

Black (30%)



Cyan (68%)

Magenta (73%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.7260, -26.9660, 37.1780 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 84.7260, -26.9660, 37.1780 by changing the saturation by 10% instead.

■ 84.7260, -26.9660,
37.1780

■ 84.7260, -26.9660,
37.1780

■ 255.0000, -0.0000,
-0.0000

■ 59.1770, -29.8540,
34.4500

■ 137.0300,
-24.7660, 41.3620

■ 30.6270, -40.1690,
28.6550

■ 163.2430,
-21.0520, 40.1320

■ 13.0470, -32.6040,
29.2200

■ 187.1760,
-10.9180, 32.6820

■ 8.4360, -23.7540,
23.0140

■ 212.2830, -1.3340,
24.1860

■ 8.0480, -17.1500,
13.4580

■ 237.3900, 8.2500,
15.6900

■ 4.3660, -9.5380,
7.6620

■ 254.4130, 0.2750,

■ 0.0000, 0.0000,

0.5230

0.0000

■ 84.7260, -26.9660,
37.1780

■ 84.7260, -26.9660,
37.1780

■ 69.6750, -30.9560,
43.4120

■ 100.0760,
-22.3800, 31.1560

■ 54.3250, -35.5420,
49.4340

■ 115.1270,
-18.3900, 24.9220

■ 39.5620, -40.4030,
54.9330

■ 129.8900,
-13.5290, 19.4230

■ 27.1690, -43.4300,
60.2340

■ 144.9410, -9.5390,
13.1890

■ 160.2910, -4.9530,
7.1670

■ 175.3420, -0.9630,
0.9330

■ 190.6920, 3.6230,
-5.0890

■ 205.1560, 7.8880,
-10.8000

■ 220.5060, 12.4740,
-16.8220

Harmonies

Analogous

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



76.2340, -87.8950, 12.5290



84.7260, -26.9660, 37.1780



76.5020, 38.9150, 60.1870

Triad

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



84.7260, -26.9660, 37.1780



79.1510, 68.1780, -2.1100



72.9550, -57.9940, -28.2820

Complementary

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



84.7260, -26.9660, 37.1780



161.2740, 26.9660, -37.1780

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.



64.4680, -38.2300, -45.0620



84.7260, -26.9660, 37.1780



80.0940, 36.8210, -23.0430

Square

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



84.7260, -26.9660, 37.1780



66.1040, 85.8690, 35.2210



70.3830, -1.3220, -42.1380



79.1110, -75.3280, -11.4880

Rectangle

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



84.7260, -26.9660, 37.1780



62.6430, 69.4950, 67.6630



70.3830, -1.3220, -42.1380



70.0880, -51.2990, -33.9790

Sweetspot

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



84.7260, -26.9660, 37.1780



194.8100, -10.5480, 14.9560



137.4790, -61.9850, -16.5210



94.2740, -6.2830, 9.2450



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



84.7260, -26.9660, 37.1780



86.1860, -42.1000, 58.1560



100.8720, 5.2180, 48.6260



81.3250, -2.2930, 3.0110



23.4220, -37.1930, 51.8230



3.8610, -6.5580, 8.7220

Inverse Universe

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



111.8340, 34.7440, 53.1760



128.5280, 54.3620, 83.1140



145.1280, -5.2180, -48.6260



83.6030, 2.7960, 4.3960



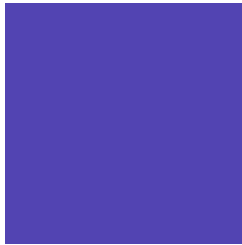
60.9090, 48.4950, 73.7990



10.2820, 8.4340, 12.3540

Previews

White Background



This preview shows how the YIQ color 84.7260, -26.9660, 37.1780 looks on a white background.

Color Contrast Check

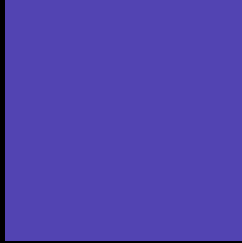
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.7260, -26.9660, 37.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

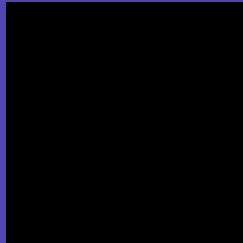
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.7260, -26.9660, 37.1780

Background



This preview shows how black text looks on a background with the YIQ color 84.7260, -26.9660, 37.1780.



This preview shows how white text looks on a background with the YIQ color 84.7260, -26.9660,

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

84.7260, -26.9660, 37.1780

Protanopia

67.9700, -78.4040, 11.2280

Deuteranopia

68.2830, -72.3960, 1.4600



Tritanopia

81.0340, -23.7030, -5.4550

Trichromacy



Original Color

84.7260, -26.9660, 37.1780

Protanomaly

74.1190, -59.4700, 20.5140

Deuteranomaly

74.2840, -55.8010, 14.5910

Tritanomaly

82.6340, -24.8520, 9.8680

Monochromacy



Original Color

84.7260, -26.9660, 37.1780

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.0550, -9.8600, 13.5000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.7260, -26.9660, 37.1780 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(82, 68, 178)` looks like.

```
.text, #text, p{  
    color:rgb(82, 68, 178)  
}
```

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(82, 68, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 68, 178) }
```

Border

The CSS property to change the border of an element to YIQ 84.7260, -26.9660, 37.1780 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(82, 68, 178) }
```


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

```
.border{ border-color:rgb(82, 68, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 68, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 68, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 68, 178);  
box-shadow:4px 4px 4px 4px rgb(82, 68,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 84.7260, -26.9660, 37.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 68, 178) }
```

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

```
.background{ background-color: rgb(82, 68,  
178) }
```

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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