

Converting Colors

YIQ(107.4260, -25.8210,
43.9630)

Have a look what the booklet for
YIQ(107.4260, -25.8210, 43.9630)
contains.

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Color

**YIQ(107.4260, -25.8210,
43.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	6E56D3
RGB	110, 86, 211
RGB Percent	43%, 34%, 83%
CMY	0.5685, 0.6628, 0.1727
CMYK	0.48, 0.59, 0.00, 0.17
HSL	252°, 59%, 58%
HSV	252°, 59%, 83%
XYZ	21.5132, 14.6718, 63.2927
YIQ	107.4260, -25.8210, 43.9630

Conversions

Conversions Part 2

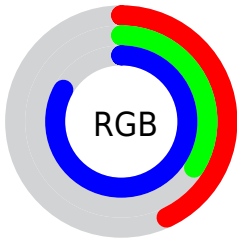
Format	Color
R _Y B	110, 86, 211
Decimal	7231187
CIE Lab	45.18, 41.00, -61.43
CIE LCh	45, 73.856, 303.721
Yxy	14.6718, 0.2163, 0.1475
Android (android.graphics.Color)	4285421267 (0xFF6E56D3)
YUV	107.4260, 51.0620, 2.2574
Hunter-Lab	38.3038, 33.2222, -71.1573

Details

The YIQ color **107.4260, -25.8210, 43.9630** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **189.5740, 25.8210, -43.9630**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7210, -19.4020, 43.2700**, and **55.2140, -31.2760, 38.1960** is the 20% darker color. If you saturate the color by 10%, you get **90.0160, -30.1780, 51.3420**, and if you desaturate by 10%, it is **124.8360, -21.4640, 36.5840**.

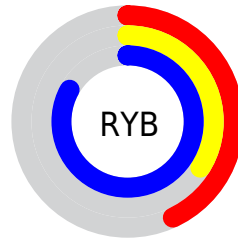
Distribution



Red (43%)

Green (34%)

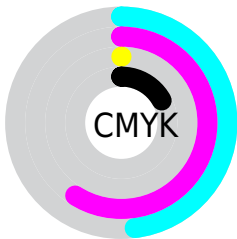
Blue (83%)



Red (43%)

Yellow (34%)

Blue (83%)

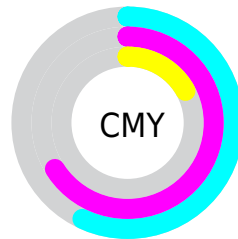


Cyan (48%)

Magenta (59%)

Yellow (0%)

Black (17%)



Cyan (57%)

Magenta (66%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.4260, -25.8210, 43.9630 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 107.4260, -25.8210, 43.9630 by changing the saturation by 10% instead.

■ 107.4260,
-25.8210, 43.9630

■ 107.4260,
-25.8210, 43.9630

■ 255.0000, -0.0000,
-0.0000

■ 81.4750, -27.5170,
41.6590

■ 159.7210,
-19.4020, 43.2700

■ 55.2140, -31.2760,
38.1960

■ 183.6540, -9.2680,
35.8200

■ 24.0980, -45.8090,
31.7510

■ 209.0600, 0.9120,
27.5360

■ 11.7420, -33.0630,
32.0330

■ 233.8680, 9.9000,
18.8280

■ 8.8920, -25.0380,
24.2580

■ 250.3040, 2.2000,
4.1840

■ 9.0910, -18.7090,
14.1790

■ 4.8220, -10.8220,

8.9060

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 107.4260,
-25.8210, 43.9630

■ 107.4260,
-25.8210, 43.9630

■ 90.0160, -30.1780,
51.3420

■ 124.8360,
-21.4640, 36.5840

■ 72.6060, -34.5350,
58.7210

■ 142.2460,
-17.1070, 29.2050

■ 55.1960, -38.8920,
66.1000

■ 159.6560,
-12.7500, 21.8260

■ 37.7860, -43.2490,
73.4790

■ 177.0660, -8.3930,
14.4470

■ 36.3130, -43.2950,
74.3130

■ 194.4760, -4.0360,
7.0680

■ 212.4730, 0.0460,
-0.8340

■ 229.8830, 4.4030,
-8.2130

■ 247.2930, 8.7600,
-15.5920

■ 249.9840, 14.1240,
-13.6840

Harmonies

Analogous

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



92.7790, -105.5470, 13.0530



107.4260, -25.8210, 43.9630



99.4260, 45.2410, 66.6890

Triad

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



107.4260, -25.8210, 43.9630



99.5620, 79.9620, -6.4220



90.3660, -72.5730, -33.8930

Complementary

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



107.4260, -25.8210, 43.9630



189.5740, 25.8210, -43.9630

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.



81.0810, -50.5620, -52.8500



107.4260, -25.8210, 43.9630



99.8850, 44.4790, -29.6730

Square

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



107.4260, -25.8210, 43.9630



90.4380, 96.5520, 34.3440



88.6570, 0.4220, -51.7220



97.3200, -92.1540, -14.9220

Rectangle

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



107.4260, -25.8210, 43.9630



77.9640, 82.1930, 79.8330



88.6570, 0.4220, -51.7220



87.9720, -65.8320, -40.4240

Sweetspot

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



107.4260, -25.8210, 43.9630



216.9350, -9.4020, 16.2140



160.1240, -68.1750, -14.4710



104.1000, -5.7330, 10.2910



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.



107.4260, -25.8210, 43.9630



105.0990, -37.2410, 63.7110



125.6650, 10.5350, 56.8950



95.8520, -2.3390, 3.8450



28.7200, -34.8560, 59.0320



7.0660, -8.3930, 14.4470

Inverse Universe

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



134.8890, 42.0790, 57.9110



144.7630, 61.0100, 83.7780



171.3350, -10.5350, -56.8950



98.3150, 3.6670, 5.1310



65.7360, 56.4720, 77.9120



16.0210, 13.8430, 18.9550

Previews

White Background



This preview shows how the YIQ color 107.4260, -25.8210, 43.9630 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 107.4260, -25.8210, 43.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

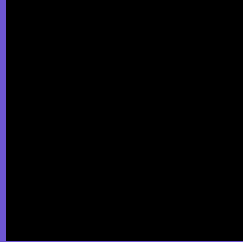
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.4260, -25.8210, 43.9630

Background



This preview shows how black text looks on a background with the YIQ color 107.4260, -25.8210, 43.9630.



This preview shows how white text looks on a background with the YIQ color 107.4260, -25.8210,

43.9630.

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

107.4260, -25.8210, 43.9630

Protanopia

85.4270, -98.6240, 14.2400

Deuteranopia

85.6430, -90.9650, 2.0830



Tritanopia

104.2520, -18.3850, -2.7130

Trichromacy



Original Color

107.4260, -25.8210, 43.9630



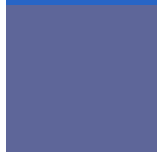
Protanomaly

93.5230, -72.1710, 24.9250



Deuteranomaly

93.8190, -67.4930, 17.2350



Tritanomaly

105.4220, -21.1390, 14.1650

Monochromacy



Original Color

107.4260, -25.8210, 43.9630



Achromatopsia

107.0000, -0.0000, 0.0000



Achromatomaly

106.9350, -9.4020, 16.2140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.4260, -25.8210, 43.9630 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(110, 86, 211)` looks like.

```
.text, #text, p{  
    color:rgb(110, 86, 211)  
}
```

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(110, 86, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 86, 211) }
```

Border

The CSS property to change the border of an element to YIQ 107.4260, -25.8210, 43.9630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

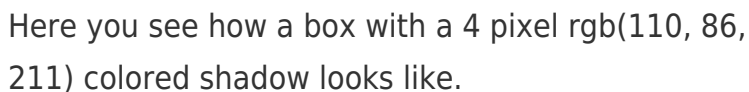
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 86, 211) }
```


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

```
.border{ border-color:rgb(110, 86, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 86, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 86, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 86, 211); box-shadow:4px 4px 4px 4px rgb(110, 86, 211) }
```

Background

The CSS property to change the background color of an element to YIQ 107.4260, -25.8210, 43.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 86, 211) }
```

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

```
.background{ background-color: rgb(110, 86,  
211) }
```

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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