

Converting Colors

YIQ(75.5260, -13.2180, 74.3820)

Have a look what the booklet for
YIQ(75.5260, -13.2180, 74.3820)
contains.

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Color

**YIQ(75.5260, -13.2180,
74.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	6D1FD9
RGB	109, 31, 217
RGB Percent	43%, 12%, 85%
CMY	0.5722, 0.8786, 0.1492
CMYK	0.50, 0.86, 0.00, 0.15
HSL	265°, 75%, 49%
HSV	265°, 86%, 85%
XYZ	19.3231, 9.2415, 66.3768
YIQ	75.5260, -13.2180, 74.3820

Conversions

Conversions Part 2

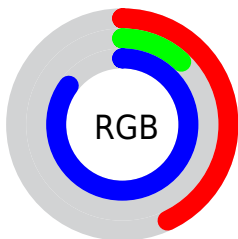
Format	Color
R _{YB}	109, 31, 217
Decimal	7151577
CIE Lab	36.45, 67.94, -79.16
CIE LCh	36, 104.321, 310.640
Yxy	9.2415, 0.2035, 0.0973
Android (android.graphics.Color)	4285341657 (0xFF6D1FD9)
YUV	75.5260, 69.7467, 29.3567
Hunter-Lab	30.3999, 60.2606, -108.1773

Details

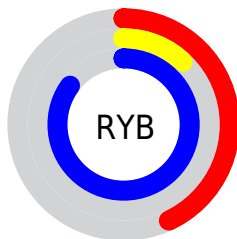
The YIQ color **75.5260, -13.2180, 74.3820** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **172.4740, 13.2180, -74.3820**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.1430, -5.0100, 68.7980**, and **30.0150, -28.4370, 58.3390** is the 20% darker color. If you saturate the color by 10%, you get **58.7250, -14.9160, 83.1320**, and if you desaturate by 10%, it is **92.3270, -11.5200, 65.6320**.

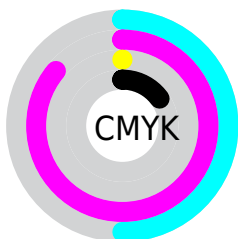
Distribution



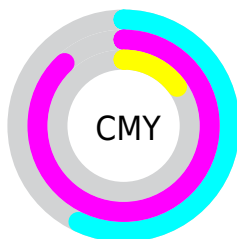
- Red (43%)
- Green (12%)
- Blue (85%)



- Red (43%)
- Yellow (12%)
- Blue (85%)



- Cyan (50%)
- Magenta (86%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (88%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.5260, -13.2180, 74.3820 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 75.5260, -13.2180, 74.3820 by changing the saturation by 10% instead.

■ 75.5260, -13.2180,
74.3820

■ 75.5260, -13.2180,
74.3820

■ 255.0000, -0.0000,
-0.0000

■ 44.4550, -14.4560,
74.7920

■ 132.1430, -5.0100,
68.7980

■ 30.0150, -28.4370,
58.3390

■ 157.2610, 6.0410,
61.2490

■ 15.1620, -42.6930,
41.3630

■ 182.6670, 16.2210,
52.9650

■ 12.1980, -34.3470,
33.2770

■ 206.2790, 22.8250,
43.4090

■ 11.1090, -27.1470,
23.9330

■ 222.7150, 15.1250,
28.7650

■ 9.5470, -19.9930,
15.4230

■ 239.7380, 7.1500,

■ 5.1640, -11.7850,

13.5980

9.8390

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 75.5260, -13.2180,
74.3820

■ 75.5260, -13.2180,
74.3820

■ 58.7250, -14.9160,
83.1320

■ 92.3270, -11.5200,
65.6320

■ 51.9470, -15.4210,
86.7790

■ 108.2420,
-10.1430, 57.1930

■ 125.0430, -8.4450,
48.4430

■ 141.5450, -7.3430,
39.4810

■ 157.7590, -5.3700,
31.2540

■ 174.5600, -3.6720,
22.5040

■ 191.0620, -2.5700,
13.5420

■ 207.8630, -0.8720,
4.7920

■ 223.7780, 0.5050,
-3.6470

Harmonies

Analogous

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



82.4870, -106.8800, 31.7120



75.5260, -13.2180, 74.3820



75.5040, 72.1050, 86.4490

Triad

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



75.5260, -13.2180, 74.3820



78.2980, 72.2580, 1.0420



80.0280, -68.2650, -23.8570

Complementary

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



75.5260, -13.2180, 74.3820



172.4740, 13.2180, -74.3820

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.



67.4370, -36.9450, -51.8330



75.5260, -13.2180, 74.3820



77.3260, 21.1880, -31.5800

Square

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



75.5260, -13.2180, 74.3820



58.9030, 117.4120, 41.7640



62.2220, -29.1500, -55.4380



89.8490, -94.5410, 0.8110

Rectangle

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



75.5260, -13.2180, 74.3820



75.2140, 101.6800, 73.5840



62.2220, -29.1500, -55.4380



76.1350, -58.6810, -32.3530

Sweetspot

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



75.5260, -13.2180, 74.3820



204.8960, -4.4980, 26.4620



115.6000, -89.4060, 1.3620



97.6430, -2.7080, 16.0440



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.



75.5260, -13.2180, 74.3820



61.0630, -18.0830, 101.9890



103.0340, 41.6140, 93.8860



101.4500, -1.1470, 4.2690



41.5490, -12.0250, 69.2790



10.9250, -3.4420, 18.3340

Inverse Universe

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



98.9260, 76.1880, 73.0200



93.1170, 104.4720, 100.0880



144.6670, -42.2100, -94.0980



102.9730, 4.6300, 4.1980



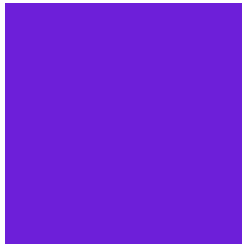
63.2410, 70.6870, 68.0870



16.8320, 18.7490, 18.1490

Previews

White Background



This preview shows how the YIQ color 75.5260, -13.2180, 74.3820 looks on a white background.

Color Contrast Check

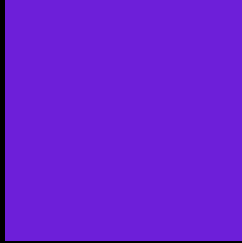
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.5260, -13.2180, 74.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

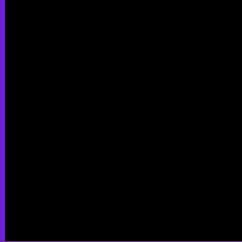
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.5260, -13.2180, 74.3820

Background



This preview shows how black text looks on a background with the YIQ color 75.5260, -13.2180, 74.3820.



This preview shows how white text looks on a background with the YIQ color 75.5260, -13.2180,

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

75.5260, -13.2180, 74.3820

Protanopia

68.6710, -79.0000, 11.0160

Deuteranopia

69.3430, -72.6250, 0.1030



Tritanopia

84.9110, -9.9950, -0.5790

Trichromacy



Original Color

75.5260, -13.2180, 74.3820

Protanomaly

71.1880, -54.7500, 34.0980

Deuteranomaly

71.7120, -50.7140, 27.0300

Tritanomaly

81.1880, -11.1920, 26.6320

Monochromacy



Original Color

75.5260, -13.2180, 74.3820

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0100, -4.8190, 26.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.5260, -13.2180, 74.3820 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(109, 31, 217)` looks like.

```
.text, #text, p{  
    color:rgb(109, 31, 217)  
}
```

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(109, 31, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 31, 217) }
```

Border

The CSS property to change the border of an element to YIQ 75.5260, -13.2180, 74.3820 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(109, 31, 217) }
```


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

```
.border{ border-color:rgb(109, 31, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 31, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 31, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 31, 217);  
box-shadow:4px 4px 4px 4px rgb(109, 31,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 75.5260, -13.2180, 74.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 31, 217) }
```

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

```
.background{ background-color: rgb(109, 31,  
217) }
```

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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