

Converting Colors

YIQ(118.4530, -13.2560,
31.0000)

Have a look what the booklet for
YIQ(118.4530, -13.2560, 31.0000)
contains.

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Color

**YIQ(118.4530, -13.2560,
31.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	7D66BA
RGB	125, 102, 186
RGB Percent	49%, 40%, 73%
CMY	0.5097, 0.6000, 0.2707
CMYK	0.33, 0.45, 0.00, 0.27
HSL	256°, 38%, 56%
HSV	256°, 45%, 73%
XYZ	22.0716, 17.4068, 48.6342
YIQ	118.4530, -13.2560, 31.0000

Conversions

Conversions Part 2

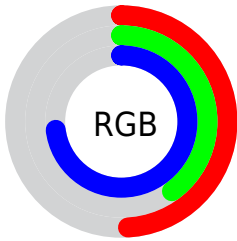
Format	Color
R_{YB}	125, 102, 186
Decimal	8218298
CIE _{Lab}	48.77, 28.15, -41.21
CIE _{LCh}	49, 49.910, 304.338
Yxy	17.4068, 0.2505, 0.1976
Android (android.graphics.Color)	4286408378 (0xFF7D66BA)
YUV	118.4530, 33.3007, 5.7417
Hunter-Lab	41.7215, 21.4180, -39.9086

Details

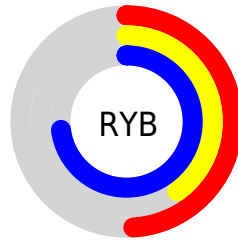
The YIQ color **118.4530, -13.2560, 31.0000** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **169.5470, 13.2560, -31.0000**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.3330, -12.7980, 33.7140**, and **68.8610, -14.5850, 27.5510** is the 20% darker color. If you saturate the color by 10%, you get **103.4130, -15.7790, 38.1810**, and if you desaturate by 10%, it is **133.7920, -10.1370, 24.0310**.

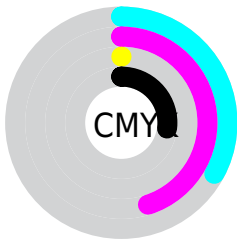
Distribution



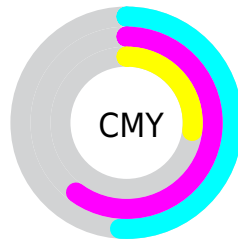
- Red (49%)
- Green (40%)
- Blue (73%)



- Red (49%)
- Yellow (40%)
- Blue (73%)



- Cyan (33%)
- Magenta (45%)
- Yellow (0%)
- Black (27%)



- Cyan (51%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.4530, -13.2560, 31.0000 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 118.4530, -13.2560, 31.0000 by changing the saturation by 10% instead.

■ 118.4530,
-13.2560, 31.0000

■ 118.4530,
-13.2560, 31.0000

■ 255.0000, -0.0000,
-0.0000

■ 93.2140, -14.0810,
29.4310

■ 171.3330,
-12.7980, 33.7140

■ 68.8610, -14.5850,
27.5510

■ 196.9220, -7.3870,
29.2610

■ 44.7360, -15.7310,
26.2930

■ 222.0290, 2.1970,
20.7650

■ 20.8880, -19.2150,
23.3530

■ 243.8470, 5.2250,
9.9370

■ 6.6120, -18.6180,
18.0380

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,

3.4210

■ 0.0000, 0.0000,
0.0000

■ 118.4530,
-13.2560, 31.0000

■ 118.4530,
-13.2560, 31.0000

■ 103.4130,
-15.7790, 38.1810

■ 133.7920,
-10.1370, 24.0310

■ 88.6610, -19.1730,
44.6270

■ 148.2450, -7.3390,
17.3730

■ 73.6210, -21.6960,
51.8080

■ 163.5840, -4.2200,
10.4040

■ 58.8690, -25.0900,
58.2540

■ 178.0370, -1.4220,
3.7460

■ 43.8290, -27.6130,
65.4350

■ 193.3760, 1.6970,
-3.2230

■ 36.4530, -29.3100,
68.6580

■ 208.4160, 4.2200,
-10.4040

■ 222.8690, 7.0180,
-17.0620

■ 238.2080, 10.1370,
-24.0310

■ 244.4430, 16.7850,
-23.3670

Harmonies

Analogous

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



97.4370, -87.3890, 3.3550



118.4530, -13.2560, 31.0000



118.1780, 30.2990, 40.1150

Triad

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



118.4530, -13.2560, 31.0000



112.5520, 59.5590, -5.6010



93.6260, -76.2410, -33.4970

Complementary

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



118.4530, -13.2560, 31.0000



169.5470, 13.2560, -31.0000

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.



86.8490, -61.2920, -45.6120



118.4530, -13.2560, 31.0000



109.9540, 40.0310, -26.1530

Square

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



118.4530, -13.2560, 31.0000



113.0270, 66.4320, 18.5280



105.4210, 4.6830, -35.3250



97.7130, -89.1270, -20.2230

Rectangle

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



118.4530, -13.2560, 31.0000



115.7750, 50.4270, 38.7710



105.4210, 4.6830, -35.3250



91.9160, -71.4260, -38.1620

Sweetspot

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



118.4530, -13.2560, 31.0000



214.8660, -4.9540, 12.6940



147.9700, -44.0140, -6.3020



105.7750, -3.4400, 7.2800



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.



118.4530, -13.2560, 31.0000



136.6980, -20.5950, 48.3730



130.7120, 11.1800, 39.6920



84.6240, -1.6970, 3.2230



30.6410, -24.4480, 57.6320



5.5840, -4.2200, 10.4040

Inverse Universe

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



134.0700, 30.4830, 36.7790



160.9990, 47.5810, 57.3170



157.2880, -11.1800, -39.6920



86.3750, 3.4380, 3.7740



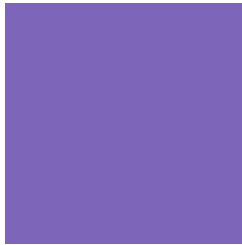
59.5260, 56.7030, 68.2150



10.6520, 10.2680, 12.1560

Previews

White Background



This preview shows how the YIQ color 118.4530, -13.2560, 31.0000 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 118.4530, -13.2560, 31.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

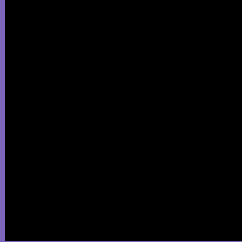
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 118.4530, -13.2560, 31.0000

Background



This preview shows how black text looks on a background with the YIQ color 118.4530, -13.2560, 31.0000.



This preview shows how white text looks on a background with the YIQ color 118.4530, -13.2560,

31.0000.

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

118.4530, -13.2560, 31.0000

Protanopia

112.8940, -45.7150, 19.0290

Deuteranopia

112.5750, -43.5590, 12.9930



Tritanopia

115.8300, -5.2730, 1.9510

Trichromacy



Original Color

118.4530, -13.2560, 31.0000

Protanomaly

114.8740, -33.7950, 23.2690

Deuteranomaly

114.8370, -32.3730, 19.5230

Tritanomaly

116.8980, -7.9800, 12.4680

Monochromacy



Original Color

118.4530, -13.2560, 31.0000

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.2250, -4.5870, 11.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4530, -13.2560, 31.0000 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(125, 102, 186)` looks like.

```
.text, #text, p{  
    color:rgb(125, 102, 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(125, 102, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 102, 186) }
```

Border

The CSS property to change the border of an element to YIQ 118.4530, -13.2560, 31.0000 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(125, 102, 186) }
```


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

```
.border{ border-color:rgb(125, 102, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 102, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 102, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 102, 186);  
box-shadow:4px 4px 4px 4px rgb(125, 102,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 118.4530, -13.2560, 31.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 102, 186) }
```

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

```
.background{ background-color: rgb(125,  
102, 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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