

Converting Colors

YIQ(113.7530, -13.2600,
53.1080)

Have a look what the booklet for
YIQ(113.7530, -13.2600, 53.1080)
contains.

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Color

**YIQ(113.7530, -13.2600,
53.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	8653DB
RGB	134, 83, 219
RGB Percent	53%, 33%, 86%
CMY	0.4743, 0.6746, 0.1413
CMYK	0.39, 0.62, 0.00, 0.14
HSL	263°, 65%, 59%
HSV	263°, 62%, 86%
XYZ	25.7124, 16.3683, 68.7942
YIQ	113.7530, -13.2600, 53.1080

Conversions

Conversions Part 2

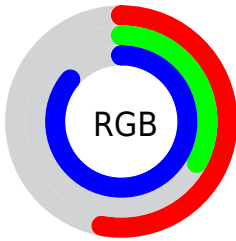
Format	Color
R_{YB}	134, 83, 219
Decimal	8803291
CIE _{Lab}	47.45, 49.87, -62.21
CIE _{LCh}	47, 79.731, 308.713
Yxy	16.3683, 0.2319, 0.1476
Android (android.graphics.Color)	4286993371 (0xFF8653DB)
YUV	113.7530, 51.8868, 17.7566
Hunter-Lab	40.4577, 42.6424, -72.4961

Details

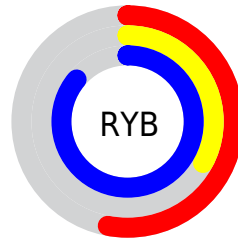
The YIQ color **113.7530, -13.2600, 53.1080** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **188.2470, 13.2600, -53.1080**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7230, -4.5480, 49.4040**, and **60.6770, -16.1020, 49.5460** is the 20% darker color. If you saturate the color by 10%, you get **96.6530, -15.5540, 61.6460**, and if you desaturate by 10%, it is **130.8530, -10.9660, 44.5700**.

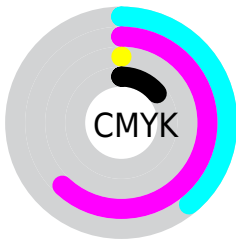
Distribution



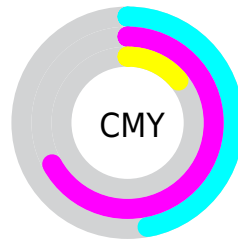
- Red (53%)
- Green (33%)
- Blue (86%)



- Red (53%)
- Yellow (33%)
- Blue (86%)



- Cyan (39%)
- Magenta (62%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (67%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.7530, -13.2600, 53.1080 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 113.7530, -13.2600, 53.1080 by changing the saturation by 10% instead.

■ 113.7530,
-13.2600, 53.1080

■ 113.7530,
-13.2600, 53.1080

■ 255.0000, -0.0000,
-0.0000

■ 87.2150, -14.6810,
51.3270

■ 165.7230, -4.5480,
49.4040

■ 60.6770, -16.1020,
49.5460

■ 190.2430, 5.3110,
41.4310

■ 30.7200, -17.6610,
50.2670

■ 215.0620, 15.7660,
33.6700

■ 12.5400, -35.3100,
34.2100

■ 233.2810, 10.1750,
19.3510

■ 9.6900, -27.2850,
26.4350

■ 250.3040, 2.2000,
4.1840

■ 10.3620, -20.9100,
15.5220

■ 5.5060, -12.7480,

10.7720

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 113.7530,
-13.2600, 53.1080

■ 113.7530,
-13.2600, 53.1080

■ 96.6530, -15.5540,
61.6460

■ 130.8530,
-10.9660, 44.5700

■ 79.8520, -17.2520,
70.3960

■ 147.6540, -9.2680,
35.8200

■ 62.7520, -19.5460,
78.9340

■ 164.7540, -6.9740,
27.2820

■ 49.4840, -21.4270,
85.4930

■ 181.8540, -4.6800,
18.7440

■ 198.0680, -2.7070,
10.5170

■ 215.1680, -0.4130,
1.9790

■ 232.2680, 1.8810,
-6.5590

■ 247.3080, 4.4040,
-13.7400

■ 250.8960, 11.5560,
-11.1960

Harmonies

Analogous

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



96.3640, -111.5080, 16.4600



113.7530, -13.2600, 53.1080



96.6010, 61.2860, 78.7740

Triad

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



113.7530, -13.2600, 53.1080



105.1550, 79.5500, -9.9700



97.1140, -80.5510, -32.4790

Complementary

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



113.7530, -13.2600, 53.1080



188.2470, 13.2600, -53.1080

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.



87.2590, -56.9350, -52.9910



113.7530, -13.2600, 53.1080



103.9720, 39.6200, -35.2280

Square

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



113.7530, -13.2600, 53.1080



95.2830, 104.1180, 29.3820



87.3620, -15.1650, -61.0930



104.5240, -101.4160, -12.2640

Rectangle

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



113.7530, -13.2600, 53.1080



80.2430, 94.7090, 84.2850



87.3620, -15.1650, -61.0930



94.4920, -73.1680, -39.6320

Sweetspot

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



113.7530, -13.2600, 53.1080



217.8540, -4.6800, 18.7440



148.9860, -67.3060, -2.6820



104.7090, -3.0740, 11.6620



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.



113.7530, -13.2600, 53.1080



107.3020, -18.3990, 74.6650



133.7860, 26.6720, 67.3120



101.4500, -1.1470, 4.2690



39.1570, -16.7930, 67.5830



10.3270, -4.6340, 17.9100

Inverse Universe

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



133.3540, 53.7710, 55.2670



134.6750, 75.6370, 77.5010



168.2140, -26.6720, -67.3120



103.0870, 4.3090, 4.5090



64.0390, 68.4400, 70.2640



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 113.7530, -13.2600, 53.1080 looks on a white background.

Color Contrast Check

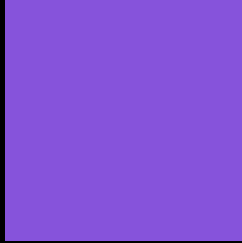
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7530, -13.2600, 53.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

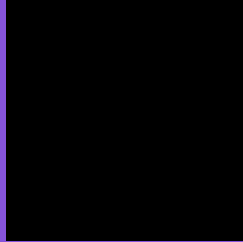
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.7530, -13.2600, 53.1080

Background



This preview shows how black text looks on a background with the YIQ color 113.7530, -13.2600, 53.1080.



This preview shows how white text looks on a background with the YIQ color 113.7530, -13.2600, 53.1080.

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

113.7530, -13.2600, 53.1080

Protanopia

89.6160, -103.5300, 15.0460

Deuteranopia

90.5330, -96.4670, 2.6770



Tritanopia

112.3250, -2.2930, 3.0110

Trichromacy



Original Color

113.7530, -13.2600, 53.1080



Protanomaly

98.5280, -70.5670, 28.8970



Deuteranomaly

98.8240, -65.8890, 21.2070



Tritanomaly

112.9510, -6.3310, 21.1330

Monochromacy



Original Color

113.7530, -13.2600, 53.1080



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.9680, -5.0010, 19.0550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7530, -13.2600, 53.1080 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(134, 83, 219)` looks like.

```
.text, #text, p{  
    color:rgb(134, 83, 219)  
}
```

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(134, 83, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 83, 219) }
```

Border

The CSS property to change the border of an element to YIQ 113.7530, -13.2600, 53.1080 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(134, 83, 219) }
```


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

```
.border{ border-color:rgb(134, 83, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 83, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 83, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 83, 219);  
box-shadow:4px 4px 4px 4px rgb(134, 83,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7530, -13.2600, 53.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 83, 219) }
```

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

```
.background{ background-color: rgb(134, 83,  
219) }
```

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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