

Converting Colors

YIQ(136.2510, -23.5300,
52.0060)

Have a look what the booklet for
YIQ(136.2510, -23.5300, 52.0060)
contains.

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Color

**YIQ(136.2510, -23.5300,
52.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	926DFB
RGB	146, 109, 251
RGB Percent	57%, 43%, 98%
CMY	0.4273, 0.5726, 0.0159
CMYK	0.42, 0.57, 0.00, 0.02
HSL	256°, 95%, 71%
HSV	256°, 57%, 98%
XYZ	34.7335, 24.0109, 94.0278
YIQ	136.2510, -23.5300, 52.0060

Conversions

Conversions Part 2

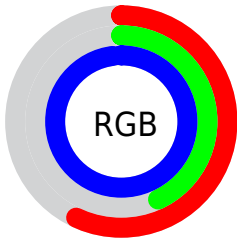
Format	Color
R _Y B	146, 109, 251
Decimal	9596411
CIE Lab	56.10, 46.70, -66.15
CIE LCh	56, 80.972, 305.222
Yxy	24.0109, 0.2274, 0.1572
Android (android.graphics.Color)	4287786491 (0xFF926DFB)
YUV	136.2510, 56.5713, 8.5499
Hunter-Lab	49.0009, 40.7751, -79.4709

Details

The YIQ color **136.2510, -23.5300, 52.0060** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **223.7490, 23.5300, -52.0060**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.4590, -4.2250, 38.0390**, and **82.6480, -26.3260, 47.6100** is the 20% darker color. If you saturate the color by 10%, you get **116.1940, -27.3830, 61.2650**, and if you desaturate by 10%, it is **156.6070, -19.0810, 42.9590**.

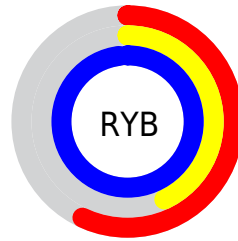
Distribution



Red (57%)

Green (43%)

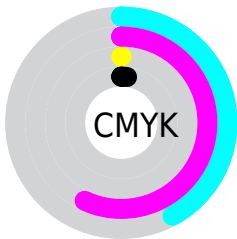
Blue (98%)



Red (57%)

Yellow (43%)

Blue (98%)

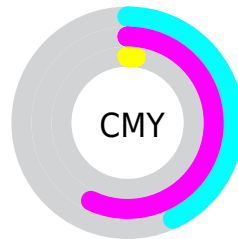


Cyan (42%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (43%)

Magenta (57%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.2510, -23.5300, 52.0060 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 136.2510, -23.5300, 52.0060 by changing the saturation by 10% instead.

■ 136.2510,
-23.5300, 52.0060

■ 136.2510,
-23.5300, 52.0060

■ 255.0000, -0.0000,
-0.0000

■ 109.5990,
-24.6300, 49.9140

■ 185.4590, -4.2250,
38.0390

■ 82.6480, -26.3260,
47.6100

■ 210.2780, 6.2300,
30.2780

■ 56.5010, -30.4060,
44.4580

■ 232.6940, 10.4500,
19.8740

■ 23.5100, -43.7930,
39.2710

■ 249.7170, 2.4750,
4.7070

■ 12.7680, -35.9520,
34.8320

■ 9.9180, -27.9270,
27.0570

■ 10.5900, -21.5520,

16.1440

■ 6.3210, -13.6650,
10.8710

■ 2.5250, -5.7320,
4.7640

■ 136.2510,
-23.5300, 52.0060

■ 136.2510,
-23.5300, 52.0060

■ 116.1940,
-27.3830, 61.2650

■ 156.6070,
-19.0810, 42.9590

■ 95.8380, -31.8320,
70.3120

■ 176.6640,
-15.2280, 33.7000

■ 75.4820, -36.2810,
79.3590

■ 197.0200,
-10.7790, 24.6530

■ 55.4250, -40.1340,
88.6180

■ 217.0770, -6.9260,
15.3940

■ 48.3480, -41.2350,
92.0530

■ 237.4330, -2.4770,
6.3470

■ 254.5440, 1.2840,
-1.2440

Harmonies

Analogous

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



111.2500, -120.3550, 6.0850



136.2510, -23.5300, 52.0060



128.5460, 53.9510, 74.0390

Triad

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



136.2510, -23.5300, 52.0060



125.5880, 94.2680, -12.3880



112.7980, -91.6450, -40.6770

Complementary

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



136.2510, -23.5300, 52.0060



223.7490, 23.5300, -52.0060

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.



102.6010, -67.0660, -62.1220



136.2510, -23.5300, 52.0060



125.2800, 53.1920, -38.9040

Square

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



136.2510, -23.5300, 52.0060



119.9680, 109.6190, 34.3150



111.6490, 2.9000, -63.5960



120.7780, -114.1150, -18.9070

Rectangle

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



136.2510, -23.5300, 52.0060



115.2160, 90.1710, 78.4190



111.6490, 2.9000, -63.5960



110.0620, -83.9410, -48.1410

Sweetspot

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



136.2510, -23.5300, 52.0060



220.1910, -7.2470, 15.7050



187.4100, -74.7320, -11.2760



107.0570, -4.1740, 9.5700



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.



136.2510, -23.5300, 52.0060



115.1770, -28.7130, 63.3430



156.8820, 17.5940, 66.6340



114.6780, -1.7890, 4.8910



36.1970, -31.4650, 69.1670



11.7380, -10.0450, 22.3630

Inverse Universe

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



163.4280, 50.9270, 62.7590



148.3190, 62.0200, 76.4840



202.8190, -18.1900, -66.8460



117.0270, 4.5380, 5.8660



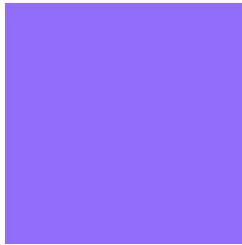
72.3570, 68.0250, 83.2970



23.3690, 21.9110, 26.9270

Previews

White Background



This preview shows how the YIQ color 136.2510, -23.5300, 52.0060 looks on a white background.

Color Contrast Check

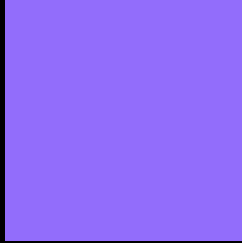
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 136.2510, -23.5300, 52.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

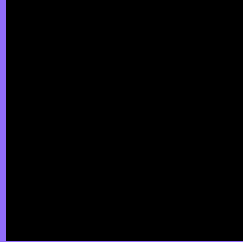
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.2510, -23.5300, 52.0060

Background



This preview shows how black text looks on a background with the YIQ color 136.2510, -23.5300, 52.0060.



This preview shows how white text looks on a background with the YIQ color 136.2510, -23.5300,

52.0060.

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

136.2510, -23.5300, 52.0060

Protanopia

124.5160, -79.4610, 24.8830

Deuteranopia

108.0070, -115.3570, 3.6110



Tritanopia

132.7690, -12.4710, 0.2410

Trichromacy



Original Color

136.2510, -23.5300, 52.0060



Protanomaly

128.6760, -59.0600, 35.1160



Deuteranomaly

118.3260, -81.9820, 21.0100



Tritanomaly

133.9220, -16.5550, 19.1970

Monochromacy



Original Color

136.2510, -23.5300, 52.0060



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

136.1140, -8.3480, 19.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.2510, -23.5300, 52.0060 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(146, 109, 251)` looks like.

```
.text, #text, p{  
    color:rgb(146, 109, 251)  
}
```

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(146, 109, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 109, 251) }
```

Border

The CSS property to change the border of an element to YIQ 136.2510, -23.5300, 52.0060 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(146, 109, 251) }
```


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

```
.border{ border-color:rgb(146, 109, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 109, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 109, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 109, 251);  
box-shadow:4px 4px 4px 4px rgb(146, 109,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 136.2510, -23.5300, 52.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 109, 251) }
```

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

```
.background{ background-color: rgb(146,  
109, 251) }
```

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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