

Converting Colors

YIQ(136.7350, -22.0170,
52.1190)

Have a look what the booklet for
YIQ(136.7350, -22.0170, 52.1190)
contains.

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Color

**YIQ(136.7350, -22.0170,
52.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	946DFA
RGB	148, 109, 250
RGB Percent	58%, 43%, 98%
CMY	0.4194, 0.5726, 0.0198
CMYK	0.41, 0.56, 0.00, 0.02
HSL	257°, 93%, 70%
HSV	257°, 56%, 98%
XYZ	34.9355, 24.1330, 93.2181
YIQ	136.7350, -22.0170, 52.1190

Conversions

Conversions Part 2

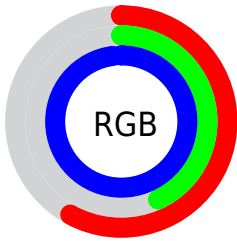
Format	Color
R _Y B	148, 109, 250
Decimal	9727482
CIE Lab	56.22, 46.87, -65.39
CIE LCh	56, 80.450, 305.630
Yxy	24.1330, 0.2294, 0.1585
Android (android.graphics.Color)	4287917562 (0xFF946DFA)
YUV	136.7350, 55.8396, 9.8794
Hunter-Lab	49.1254, 40.9706, -78.1182

Details

The YIQ color $136.7350, -22.0170, 52.1190$ is a light color, and the websafe version is hex $9966FF$. A complement of this color would be $222.2650, 22.0170, -52.1190$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $186.0570, -3.0330, 38.4630$, and $83.2460, -25.1340, 48.0340$ is the 20% darker color. If you saturate the color by 10%, you get $116.6780, -25.8700, 61.3780$, and if you desaturate by 10%, it is $156.7920, -18.1640, 42.8600$.

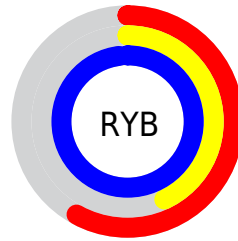
Distribution



Red (58%)

Green (43%)

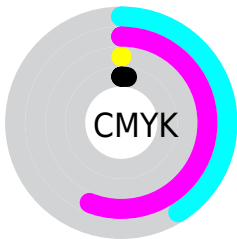
Blue (98%)



Red (58%)

Yellow (43%)

Blue (98%)

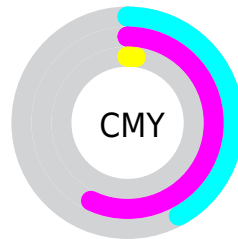


Cyan (41%)

Magenta (56%)

Yellow (0%)

Black (2%)



Cyan (42%)

Magenta (57%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.7350, -22.0170, 52.1190 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 136.7350, -22.0170, 52.1190 by changing the saturation by 10% instead.

■ 136.7350,
-22.0170, 52.1190

■ 136.7350,
-22.0170, 52.1190

■ 255.0000, -0.0000,
-0.0000

■ 110.0830,
-23.1170, 50.0270

■ 186.0570, -3.0330,
38.4630

■ 83.1320, -24.8130,
47.7230

■ 210.8760, 7.4220,
30.7020

■ 56.6970, -28.0220,
45.3060

■ 232.6940, 10.4500,
19.8740

■ 26.0870, -38.1080,
40.8680

■ 249.7170, 2.4750,
4.7070

■ 12.6540, -35.6310,
34.5210

■ 9.8040, -27.6060,
26.7460

■ 10.5900, -21.5520,

16.1440

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,
4.4530

■ 136.7350,
-22.0170, 52.1190

■ 136.7350,
-22.0170, 52.1190

■ 116.6780,
-25.8700, 61.3780

■ 156.7920,
-18.1640, 42.8600

■ 96.6210, -29.7230,
70.6370

■ 176.8490,
-14.3110, 33.6010

■ 76.5640, -33.5760,
79.8960

■ 196.9060,
-10.4580, 24.3420

■ 56.5070, -37.4290,
89.1550

■ 216.9630, -6.6050,
15.0830

■ 49.1310, -39.1260,
92.3780

■ 237.0200, -2.7520,
5.8240

■ 254.4300, 1.6050,
-1.5550

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



136.7350, -22.0170, 52.1190



129.3180, 54.5930, 73.4170

Triad

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



136.7350, -22.0170, 52.1190



125.8760, 93.3970, -13.1230



113.6130, -92.5620, -40.5780

Complementary

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



136.7350, -22.0170, 52.1190



222.2650, 22.0170, -52.1190

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.



102.8290, -67.7080, -61.5000



136.7350, -22.0170, 52.1190



124.9810, 52.5960, -39.1160

Square

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



136.7350, -22.0170, 52.1190



120.8430, 108.4730, 33.0570



112.2360, 2.6250, -64.1190



120.7780, -114.1150, -18.9070

Rectangle

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



136.7350, -22.0170, 52.1190



116.2760, 89.9420, 77.0620



112.2360, 2.6250, -64.1190



110.1760, -84.2620, -47.8300

Sweetspot

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



136.7350, -22.0170, 52.1190



220.4900, -6.6510, 15.9170



185.5350, -73.5860, -10.0180



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.



136.7350, -22.0170, 52.1190



116.0740, -26.9250, 63.9790



157.3660, 19.1070, 66.7470



114.6780, -1.7890, 4.8910



37.0940, -29.6770, 69.8030



12.0370, -9.4490, 22.5750

Inverse Universe

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



162.7870, 51.2940, 61.6140



147.9770, 62.9830, 75.5510



201.6340, -19.1070, -66.7470



116.9130, 4.8590, 5.5550



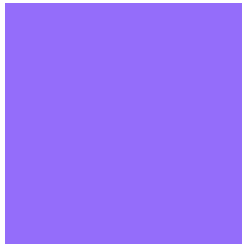
72.0150, 68.9880, 82.3640



23.2550, 22.2320, 26.6160

Previews

White Background



This preview shows how the YIQ color 136.7350, -22.0170, 52.1190 looks on a white background.

Color Contrast Check

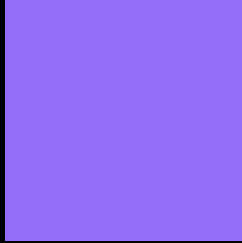
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7350, -22.0170, 52.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

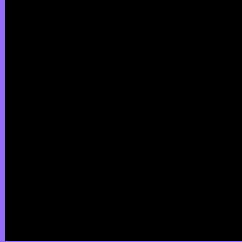
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.7350, -22.0170, 52.1190

Background



This preview shows how black text looks on a background with the YIQ color 136.7350, -22.0170, 52.1190.



This preview shows how white text looks on a background with the YIQ color 136.7350, -22.0170,

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

136.7350, -22.0170, 52.1190

Protanopia

125.4020, -79.1400, 24.5720

Deuteranopia

108.1210, -115.6780, 3.9220



Tritanopia

133.6660, -10.6830, 0.8770

Trichromacy



Original Color

136.7350, -22.0170, 52.1190

Protanomaly

129.4480, -58.4180, 34.4940

Deuteranomaly

118.7390, -81.7070, 21.5330

Tritanomaly

134.7050, -14.4460, 19.5220

Monochromacy



Original Color

136.7350, -22.0170, 52.1190

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0000, -8.0270, 18.8290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7350, -22.0170, 52.1190 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(148, 109, 250)` looks like.

```
.text, #text, p{  
    color:rgb(148, 109, 250)  
}
```

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(148, 109, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 109, 250) }
```

Border

The CSS property to change the border of an element to YIQ 136.7350, -22.0170, 52.1190 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(148, 109, 250) }
```


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

```
.border{ border-color:rgb(148, 109, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 109, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 109, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 109, 250);  
box-shadow:4px 4px 4px 4px rgb(148, 109,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7350, -22.0170, 52.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 109, 250) }
```

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

```
.background{ background-color: rgb(148,  
109, 250) }
```

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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