

Converting Colors

YIQ(112.2100, -24.3120,
66.1840)

Have a look what the booklet for
YIQ(112.2100, -24.3120, 66.1840)
contains.

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Color

**YIQ(112.2100, -24.3120,
66.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	824CFC
RGB	130, 76, 252
RGB Percent	51%, 30%, 99%
CMY	0.4899, 0.7020, 0.0120
CMYK	0.48, 0.70, 0.00, 0.01
HSL	258°, 97%, 64%
HSV	258°, 70%, 99%
XYZ	29.3594, 16.9410, 93.7687
YIQ	112.2100, -24.3120, 66.1840

Conversions

Conversions Part 2

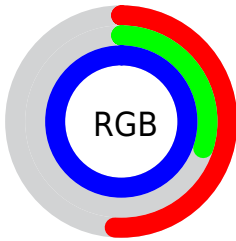
Format	Color
R _{YB}	130, 76, 252
Decimal	8539388
CIE _{Lab}	48.19, 61.33, -79.62
CIE _{LCh}	48, 100.500, 307.608
Yxy	16.9410, 0.2096, 0.1209
Android (android.graphics.Color)	4286729468 (0xFF824CFC)
YUV	112.2100, 68.9165, 15.6018
Hunter-Lab	41.1594, 55.2969, -106.2619

Details

The YIQ color **112.2100, -24.3120, 66.1840** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **215.7900, 24.3120, -66.1840**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9020, -3.4940, 52.3300**, and **53.5790, -29.9050, 62.9190** is the 20% darker color. If you saturate the color by 10%, you get **92.4520, -27.5690, 75.6550**, and if you desaturate by 10%, it is **132.2670, -20.4590, 56.9250**.

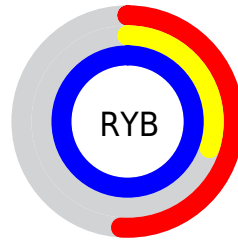
Distribution



Red (51%)

Green (30%)

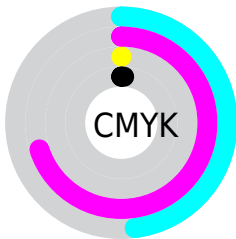
Blue (99%)



Red (51%)

Yellow (30%)

Blue (99%)

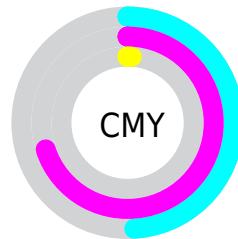


Cyan (48%)

Magenta (70%)

Yellow (0%)

Black (1%)



Cyan (49%)

Magenta (70%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.2100, -24.3120, 66.1840 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 112.2100, -24.3120, 66.1840 by changing the saturation by 10% instead.

■ 112.2100,
-24.3120, 66.1840

■ 112.2100,
-24.3120, 66.1840

■ 255.0000, -0.0000,
-0.0000

■ 84.3730, -26.3290,
64.1910

■ 161.9020, -3.4940,
52.3300

■ 53.5790, -29.9050,
62.9190

■ 187.0200, 7.5570,
44.7810

■ 22.8110, -45.5380,
54.3820

■ 212.7250, 18.3330,
36.7090

■ 15.8460, -44.6190,
43.2290

■ 229.7590, 11.8250,
22.4890

■ 12.7680, -35.9520,
34.8320

■ 246.7820, 3.8500,
7.3220

■ 12.2660, -29.0270,
24.9650

■ 10.5900, -21.5520,

16.1440

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,
4.7640

■ 112.2100,
-24.3120, 66.1840

■ 112.2100,
-24.3120, 66.1840

■ 92.4520, -27.5690,
75.6550

■ 132.2670,
-20.4590, 56.9250

■ 72.3950, -31.4220,
84.9140

■ 152.0250,
-17.2020, 47.4540

■ 52.0500, -34.4040,
94.9080

■ 172.3700,
-14.2200, 37.4600

■ 51.7510, -35.0000,
94.6960

■ 192.4270,
-10.3670, 28.2010

■ 212.1850, -7.1100,
18.7300

■ 232.2420, -3.2570,
9.4710

■ 252.0000, 0.0000,
0.0000

■ 254.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



100.0970, -115.1300, 16.0220



112.2100, -24.3120, 66.1840



88.2080, 76.5950, 104.2030

Triad

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



112.2100, -24.3120, 66.1840



105.8190, 89.5440, -3.8640



101.0920, -83.4850, -34.3730

Complementary

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



112.2100, -24.3120, 66.1840



215.7900, 24.3120, -66.1840

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.



88.6150, -52.4860, -62.0380



112.2100, -24.3120, 66.1840



106.0320, 39.3910, -36.5850

Square

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



112.2100, -24.3120, 66.1840



71.5470, 139.3260, 52.1100



79.8320, -37.4000, -71.1280



111.1410, -110.4030, -9.0830

Rectangle

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



112.2100, -24.3120, 66.1840



89.0000, 108.8750, 91.8750



79.8320, -37.4000, -71.1280



97.0850, -73.5800, -43.1800

Sweetspot

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



112.2100, -24.3120, 66.1840



212.2390, -7.2020, 20.3980



168.2650, -90.3210, -9.5930



102.3390, -4.9080, 11.8600



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.



112.2100, -24.3120, 66.1840



85.1300, -29.3580, 80.5460



138.2230, 27.5400, 84.6280



114.6780, -1.7890, 4.8910



38.8880, -26.1010, 71.0750



12.6350, -8.2570, 22.9990

Inverse Universe

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



142.5320, 65.7340, 75.2540



121.8580, 80.0360, 91.3960



189.7770, -27.5400, -84.6280



116.9130, 4.8590, 5.5550



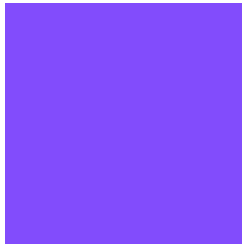
71.4450, 70.5930, 80.8090



23.0270, 22.8740, 25.9940

Previews

White Background



This preview shows how the YIQ color 112.2100, -24.3120, 66.1840 looks on a white background.

Color Contrast Check

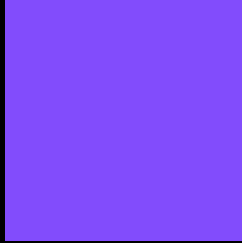
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.2100, -24.3120, 66.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

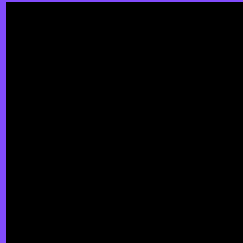
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.2100, -24.3120, 66.1840

Background



This preview shows how black text looks on a background with the YIQ color 112.2100, -24.3120, 66.1840.



This preview shows how white text looks on a background with the YIQ color 112.2100, -24.3120,

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

112.2100, -24.3120, 66.1840

Protanopia

91.0180, -104.7220, 14.6220

Deuteranopia

91.4790, -96.3750, 1.0090



Tritanopia

111.5620, -16.3220, -1.5540

Trichromacy



Original Color

112.2100, -24.3120, 66.1840



Protanomaly

98.8250, -75.6570, 33.0390



Deuteranomaly

98.8930, -70.3370, 24.7270



Tritanomaly

111.7740, -18.8940, 23.0420

Monochromacy



Original Color

112.2100, -24.3120, 66.1840



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

112.2760, -8.6240, 24.1440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.2100, -24.3120, 66.1840 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(130, 76, 252)` looks like.

```
.text, #text, p{  
    color:rgb(130, 76, 252)  
}
```

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(130, 76, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 76, 252) }
```

Border

The CSS property to change the border of an element to YIQ 112.2100, -24.3120, 66.1840 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(130, 76, 252) }
```


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

```
.border{ border-color:rgb(130, 76, 252) }
```

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

Here you see how a box with a 4 pixel rgb(130, 76, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 76, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 76, 252);  
box-shadow:4px 4px 4px 4px rgb(130, 76,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 112.2100, -24.3120, 66.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 76, 252) }
```

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

```
.background{ background-color: rgb(130, 76,  
252) }
```

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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