

Converting Colors

YIQ(114.8060, 6.7250, 81.9010)

Have a look what the booklet for
YIQ(114.8060, 6.7250, 81.9010)
contains.

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Color

**YIQ(114.8060, 6.7250,
81.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3CF7
RGB	172, 60, 247
RGB Percent	67%, 24%, 97%
CMY	0.3251, 0.7649, 0.0315
CMYK	0.30, 0.76, 0.00, 0.03
HSL	276°, 92%, 60%
HSV	276°, 76%, 97%
XYZ	35.4320, 18.7221, 89.7176
YIQ	114.8060, 6.7250, 81.9010

Conversions

Conversions Part 2

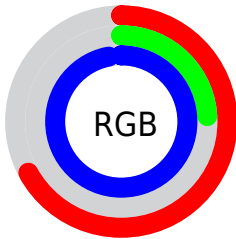
Format	Color
R _Y B	172, 60, 247
Decimal	11287799
CIE Lab	50.36, 73.81, -73.09
CIE LCh	50, 103.875, 315.284
Yxy	18.7221, 0.2463, 0.1301
Android (android.graphics.Color)	4289477879 (0xFFAC3CF7)
YUV	114.8060, 65.1716, 50.1591
Hunter-Lab	43.2690, 70.4486, -92.6484

Details

The YIQ color **114.8060, 6.7250, 81.9010** 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 **192.1940, -6.7250, -81.9010**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7040, 23.9670, 66.7750**, and **55.0340, 6.0830, 82.5230** is the 20% darker color. If you saturate the color by 10%, you get **97.1410, 7.6400, 92.8560**, and if you desaturate by 10%, it is **132.4710, 5.8100, 70.9460**.

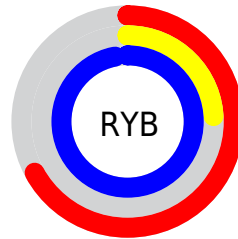
Distribution



Red (67%)

Green (24%)

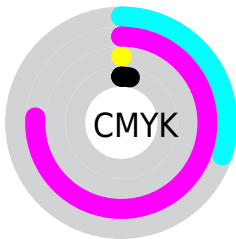
Blue (97%)



Red (67%)

Yellow (24%)

Blue (97%)

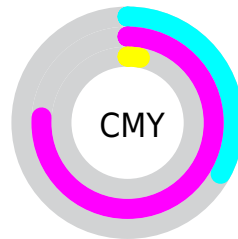


Cyan (30%)

Magenta (76%)

Yellow (0%)

Black (3%)



Cyan (33%)

Magenta (76%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.8060, 6.7250, 81.9010 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 114.8060, 6.7250, 81.9010 by changing the saturation by 10% instead.

114.8060, 6.7250,
81.9010

114.8060, 6.7250,
81.9010

255.0000, -0.0000,
-0.0000

81.3980, 8.0540,
85.3500

167.7040, 23.9670,
66.7750

55.3330, 6.6790,
82.7350

191.6040, 29.7000,
56.4840

42.9860, -3.1300,
67.7660

208.0400, 22.0000,
41.8400

29.9270, -13.8100,
52.0620

225.0630, 14.0250,
26.6730

15.3020, -28.7080,
35.7080

242.6730, 5.7750,
10.9830

9.4620, -26.6430,
25.8130

10.1340, -20.2680,

14.9000

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,
3.4210

■ 114.8060, 6.7250,
81.9010

■ 114.8060, 6.7250,
81.9010

■ 97.1410, 7.6400,
92.8560

■ 132.4710, 5.8100,
70.9460

■ 80.0630, 8.2800,
103.2880

■ 149.5490, 5.1700,
60.5140

■ 72.4100, 8.9210,
108.1930

■ 167.2140, 4.2550,
49.5590

■ 184.8790, 3.3400,
38.6040

201.9570, 2.7000,
28.1720

219.3230, 1.1890,
17.0050

236.9880, 0.2740,
6.0500

252.8920, 0.1840,
-3.3360

254.0880, 2.5680,
-2.4880

Harmonies

Analogous

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



98.3360, -114.3050, 17.5910



114.8060, 6.7250, 81.9010



93.4890, 94.7970, 104.7250

Triad

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



114.8060, 6.7250, 81.9010



112.8190, 80.3760, -13.9280



108.6210, -95.0400, -28.7040

Complementary

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



114.8060, 6.7250, 81.9010



192.1940, -6.7250, -81.9010

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.



96.7310, -64.3160, -56.8920



114.8060, 6.7250, 81.9010



107.4060, 26.2340, -45.9420

Square

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



114.8060, 6.7250, 81.9010



86.1250, 134.1020, 36.6460



85.1150, -39.8750, -75.8350



117.8550, -121.0410, -3.5130

Rectangle

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



114.8060, 6.7250, 81.9010



88.6710, 116.9910, 87.9590



85.1150, -39.8750, -75.8350



105.0870, -85.0890, -38.3450

Sweetspot

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



114.8060, 6.7250, 81.9010



213.4900, 2.5170, 25.9810



127.1040, -81.4770, 17.3630



102.3830, 0.9600, 15.6480



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.



114.8060, 6.7250, 81.9010



91.0090, 8.3720, 101.6200



135.4070, 56.5610, 92.8250



113.4610, 0.3200, 5.2160



54.6920, 7.0460, 81.5900



17.1910, 1.9210, 25.7690

Inverse Universe

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



124.4630, 87.3770, 62.9690



102.9700, 108.4190, 78.1070



171.5930, -56.5610, -92.8250



114.1580, 5.5470, 4.0990



64.1640, 86.7810, 62.7570



20.2630, 27.7810, 19.6610

Previews

White Background



This preview shows how the YIQ color 114.8060, 6.7250, 81.9010 looks on a white background.

Color Contrast Check

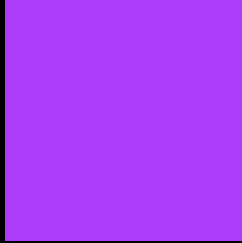
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.8060, 6.7250, 81.9010 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 114.8060, 6.7250, 81.9010

Background



This preview shows how black text looks on a background with the YIQ color 114.8060, 6.7250, 81.9010.



This preview shows how white text looks on a background with the YIQ color 114.8060, 6.7250,

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

114.8060, 6.7250, 81.9010

Protanopia

95.9080, -110.2240, 15.2160

Deuteranopia

96.4830, -102.1980, 1.9140



Tritanopia

121.8720, 21.2720, 10.9680

Trichromacy



Original Color

114.8060, 6.7250, 81.9010



Protanomaly

103.1190, -67.4970, 39.3430



Deuteranomaly

103.1870, -62.1770, 31.0310



Tritanomaly

119.0560, 15.9030, 36.6950

Monochromacy



Original Color

114.8060, 6.7250, 81.9010



Achromatopsia

115.0000, -0.0000, 0.0000



Achromatomaly

115.0110, 2.6080, 29.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.8060, 6.7250, 81.9010 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(172, 60, 247)` looks like.

```
.text, #text, p{  
    color:rgb(172, 60, 247)  
}
```

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(172, 60, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 60, 247) }
```

Border

The CSS property to change the border of an element to YIQ 114.8060, 6.7250, 81.9010 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(172, 60, 247) }
```


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

```
.border{ border-color:rgb(172, 60, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 60, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 60, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 60, 247);  
box-shadow:4px 4px 4px 4px rgb(172, 60,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 114.8060, 6.7250, 81.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 60, 247) }
```

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

```
.background{ background-color: rgb(172, 60,  
247) }
```

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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