

Converting Colors

YIQ(177.2300, -1.8420, 44.4140)

Have a look what the booklet for
YIQ(177.2300, -1.8420, 44.4140)
contains.

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Color

**YIQ(177.2300, -1.8420,
44.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	CB95FF
RGB	203, 149, 255
RGB Percent	80%, 58%, 100%
CMY	0.2037, 0.4158, 0.0001
CMYK	0.20, 0.42, 0.00, 0.00
HSL	271°, 100%, 79%
HSV	271°, 42%, 100%
XYZ	53.4323, 41.4098, 99.7652
YIQ	177.2300, -1.8420, 44.4140

Conversions

Conversions Part 2

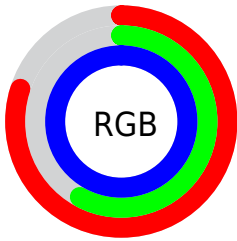
Format	Color
R_{YB}	203, 149, 255
Decimal	13342207
CIE _{Lab}	70.46, 39.98, -45.18
CIE _{LCh}	70, 60.329, 311.504
Yxy	41.4098, 0.2746, 0.2128
Android (android.graphics.Color)	4291532287 (0xFFCB95FF)
YUV	177.2300, 38.3406, 22.6003
Hunter-Lab	64.3505, 35.6013, -46.8745

Details

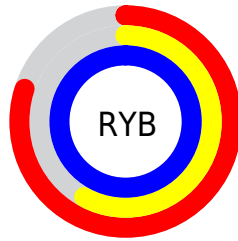
The YIQ color $177.2300, -1.8420, 44.4140$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $226.7700, 1.8420, -44.4140$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $225.0630, 14.0250, 26.6730$, and $123.4640, -2.6210, 42.0110$ is the 20% darker color. If you saturate the color by 10%, you get $158.3800, -1.8440, 55.4680$, and if you desaturate by 10%, it is $195.7920, -0.9690, 34.0950$.

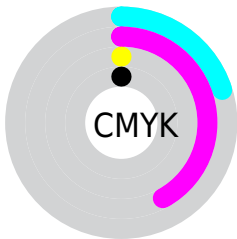
Distribution



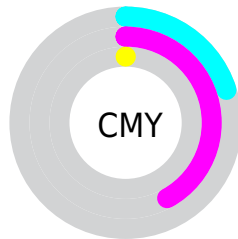
- Red (80%)
- Green (58%)
- Blue (100%)



- Red (80%)
- Yellow (58%)
- Blue (100%)



- Cyan (20%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.2300, -1.8420, 44.4140 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 177.2300, -1.8420, 44.4140 by changing the saturation by 10% instead.

 177.2300, -1.8420,
44.4140

 177.2300, -1.8420,
44.4140


255.0000, -0.0000,
-0.0000


 150.2900, -2.0710,
43.0570


 225.0630, 14.0250,
26.6730


 123.4640, -2.6210,
42.0110

 241.4990, 6.3250,
12.0290

 97.5240, -2.8500,
40.6540

 72.2850, -3.6750,
39.0850

 47.4590, -4.2250,
38.0390

 22.4480, -5.6920,
37.0920

 13.1340, -11.1000,

24.9640

■ 6.7770, -14.9490,
12.1150

■ 3.2090, -7.6580,
6.6300

■ 177.2300, -1.8420,
44.4140

■ 177.2300, -1.8420,
44.4140

■ 158.3800, -1.8440,
55.4680

■ 195.7920, -0.9690,
34.0950

■ 139.8180, -2.7170,
65.7870

■ 214.6420, -0.9670,
23.0410

■ 120.9680, -2.7190,
76.8410

■ 233.2040, -0.0940,
12.7220

■ 102.4060, -3.5920,
87.1600

■ 252.0540, -0.0920,
1.6680

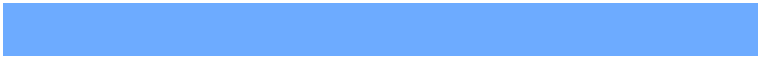
■ 83.5560, -3.5940, 255.0000, -0.0000,
98.2140 -0.0000

■ 67.9400, -4.3750,
106.8650

Harmonies

Analogous

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



162.0380, -63.9160, 12.9800



177.2300, -1.8420, 44.4140



175.6800, 49.7370, 51.2810

Triad

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



177.2300, -1.8420, 44.4140



168.3390, 73.0400, -13.1360



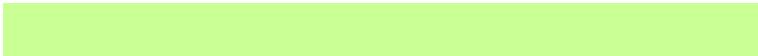
138.7010, -116.3570, -44.3650

Complementary

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



177.2300, -1.8420, 44.4140



226.7700, 1.8420, -44.4140

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.



131.1430, -97.8310, -60.7350



177.2300, -1.8420, 44.4140



164.1140, 42.0960, -36.0480

Square

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



177.2300, -1.8420, 44.4140



167.7050, 81.8380, 14.6540



157.2250, -6.8690, -46.2370



143.4550, -132.4990, -27.1470

Rectangle

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



177.2300, -1.8420, 44.4140



168.0540, 62.9430, 43.2230



157.2250, -6.8690, -46.2370



136.5350, -110.2580, -50.2740

Sweetspot

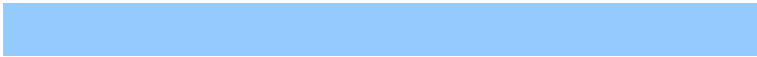
The Sweet Spot groups the original color and five complimentary colors.



177.2300, -1.8420, 44.4140



232.3180, -0.4150, 13.0330



192.1950, -48.6010, 5.2470



114.7430, -0.4140, 7.5060



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.



177.2300, -1.8420, 44.4140



161.9130, -2.0270, 53.2770



192.7780, 29.1500, 55.4380



118.2760, -0.5970, 5.3150



51.0760, -2.9030, 80.1770



17.1630, -0.8760, 26.9000

Inverse Universe

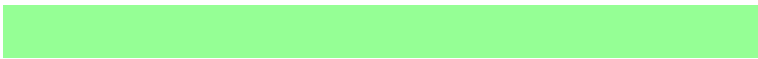
The Inverse Universe completely reimagines the original color for something new.



186.6220, 46.4840, 38.6440



173.0410, 55.7900, 46.2060



211.2220, -29.1500, -55.4380



119.5710, 5.8220, 4.6220



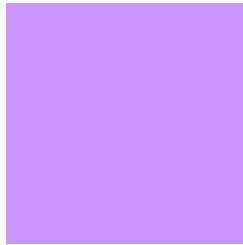
67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 177.2300, -1.8420, 44.4140 looks on a white background.

Color Contrast Check

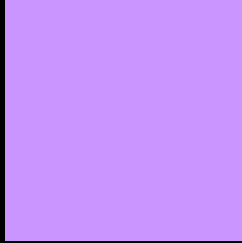
Large Text (above 18pt) WCAG AA × Fail

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 177.2300, -1.8420, 44.4140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

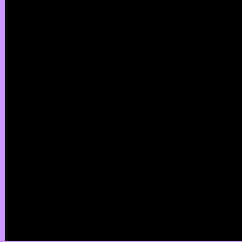
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.2300, -1.8420, 44.4140

Background



This preview shows how black text looks on a background with the YIQ color 177.2300, -1.8420, 44.4140.



This preview shows how white text looks on a background with the YIQ color 177.2300, -1.8420,

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

177.2300, -1.8420, 44.4140

Protanopia

171.6170, -43.3770, 20.7110

Deuteranopia

171.1500, -43.5600, 18.5200



Tritanopia

174.6580, 10.1310, 9.1310

Trichromacy



Original Color

177.2300, -1.8420, 44.4140



Protanomaly

173.4990, -28.0650, 29.5590



Deuteranomaly

173.4450, -27.9730, 27.8910

Tritanomaly

175.8230, 5.7730, 22.0370

Monochromacy



Original Color

177.2300, -1.8420, 44.4140



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.0130, -0.8740, 15.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.2300, -1.8420, 44.4140 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(203, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 149, 255)  
}
```

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(203, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 149, 255) }
```

Border

The CSS property to change the border of an element to YIQ 177.2300, -1.8420, 44.4140 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(203, 149, 255) }
```


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

```
.border{ border-color:rgb(203, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 149,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 177.2300, -1.8420, 44.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 149, 255) }
```

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

```
.background{ background-color: rgb(203,  
149, 255) }
```

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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