

Converting Colors

YIQ(130.0810, 34.2320, 95.5120)

Have a look what the booklet for
YIQ(130.0810, 34.2320, 95.5120)
contains.

YIQ(130.0810, 34.2320, 95.5120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(130.0810, 34.2320,
95.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	DE3BFF
RGB	222, 59, 255
RGB Percent	87%, 23%, 100%
CMY	0.1289, 0.7689, 0.0000
CMYK	0.13, 0.77, 0.00, 0.00
HSL	290°, 100%, 62%
HSV	290°, 77%, 100%
XYZ	49.7739, 25.8908, 96.9784
YIQ	130.0810, 34.2320, 95.5120

Conversions

Conversions Part 2

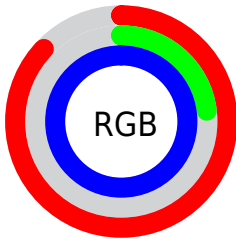
Format	Color
R _Y B	222, 59, 255
Decimal	14564351
CIE Lab	57.93, 84.34, -64.96
CIE LCh	58, 106.455, 322.397
Yxy	25.8908, 0.2883, 0.1500
Android (android.graphics.Color)	4292754431 (0xFFDE3BFF)
YUV	130.0810, 61.5851, 80.6130
Hunter-Lab	50.8830, 85.5637, -77.3832

Details

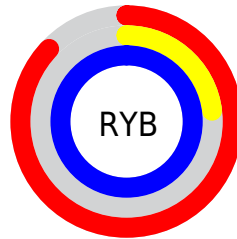
The YIQ color **130.0810, 34.2320, 95.5120** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **183.9190, -34.2320, -95.5120**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5160, 36.3000, 69.0360**, and **70.8960, 33.3150, 95.6110** is the 20% darker color. If you saturate the color by 10%, you get **113.6230, 38.9980, 108.2620**, and if you desaturate by 10%, it is **145.9520, 29.7410, 83.2850**.

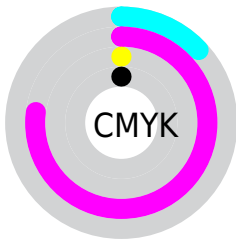
Distribution



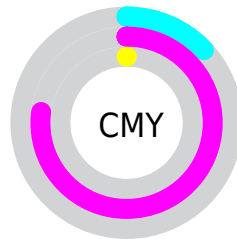
- Red (87%)
- Green (23%)
- Blue (100%)



- Red (87%)
- Yellow (23%)
- Blue (100%)



- Cyan (13%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.0810, 34.2320, 95.5120 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 130.0810, 34.2320, 95.5120 by changing the saturation by 10% instead.


 130.0810, 34.2320,
95.5120


 130.0810, 34.2320,
95.5120


255.0000, -0.0000,
-0.0000


 84.9330, 41.0610,
109.4210


 177.5160, 36.3000,
69.0360


 70.8960, 33.3150,
95.6110

 195.1260, 28.0500,
53.3460

 59.0330, 25.0190,
80.7550


 212.7360, 19.8000,
37.6560

 46.9850, 15.8060,
65.9980

 230.3460, 11.5500,
21.9660

 35.3500, 6.8680,
51.7640

 247.9560, 3.3000,
6.2760

 23.7150, -2.0700,
37.5300

 8.0080, -19.6730,

20.6390

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 130.0810, 34.2320,
95.5120

■ 130.0810, 34.2320,
95.5120

■ 113.6230, 38.9980,
108.2620

■ 145.9520, 29.7410,
83.2850

■ 97.7520, 43.4890,
120.4890

■ 162.7090, 25.5710,
70.7470

■ 92.4580, 44.4970,
124.2490

■ 178.5800, 21.0800,
58.5200

■ 195.0380, 16.3140,
45.7700

■ 211.2080, 12.4190,
33.7550

■ 227.6660, 7.6530,
21.0050

■ 243.5370, 3.1620,
8.7780

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



103.0320, -116.5050, 13.4070



130.0810, 34.2320, 95.5120



95.2830, 98.3730, 105.9970

Triad

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



130.0810, 34.2320, 95.5120



131.6470, 77.4440, -26.8760



127.1380, -115.4890, -27.0490

Complementary

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



130.0810, 34.2320, 95.5120



183.9190, -34.2320, -95.5120

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.



114.9060, -83.8020, -56.1700



130.0810, 34.2320, 95.5120



121.4830, 18.1670, -59.4410

Square

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



130.0810, 34.2320, 95.5120



119.9710, 130.7590, 14.6230



98.6160, -46.2000, -87.8640



130.6210, -129.4300, -11.1740

Rectangle

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



130.0810, 34.2320, 95.5120



88.3290, 117.9540, 87.0260



98.6160, -46.2000, -87.8640



123.4900, -105.2170, -37.0010

Sweetspot

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



130.0810, 34.2320, 95.5120



217.3770, 10.2650, 28.7370



102.4760, -72.8160, 42.1280



105.0740, 6.3240, 17.5560



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.



130.0810, 34.2320, 95.5120



105.3940, 41.3810, 114.6370



132.8800, 73.8020, 83.2260



119.4720, 1.7870, 6.1630



69.3150, 33.4530, 93.1090



23.1430, 11.0440, 31.1400

Inverse Universe

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



121.3660, 106.2230, 51.8150



94.8250, 127.2200, 62.2600



181.1200, -73.8020, -83.2260



119.1150, 7.1060, 3.3780



60.7570, 103.5640, 50.4440



20.3900, 34.6130, 16.9890

Previews

White Background



This preview shows how the YIQ color 130.0810, 34.2320, 95.5120 looks on a white background.

Color Contrast Check

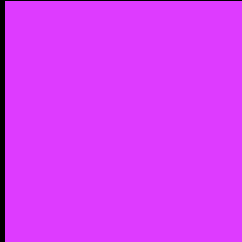
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.0810, 34.2320, 95.5120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

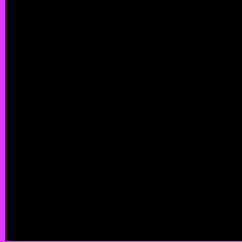
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.0810, 34.2320, 95.5120

Background



This preview shows how black text looks on a background with the YIQ color 130.0810, 34.2320, 95.5120.



This preview shows how white text looks on a background with the YIQ color 130.0810, 34.2320,

95.5120.

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

130.0810, 34.2320, 95.5120

Protanopia

131.9250, -73.3630, 24.5010

Deuteranopia

127.3980, -82.4850, 13.6030



Tritanopia

139.7190, 52.8600, 22.2040

Trichromacy



Original Color

130.0810, 34.2320, 95.5120

Protanomaly

131.3360, -34.0750, 50.3810

Deuteranomaly

128.2980, -40.0800, 43.5680

Tritanomaly

136.2450, 46.5280, 48.8640

Monochromacy



Original Color

130.0810, 34.2320, 95.5120

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0340, 12.9690, 34.8010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.0810, 34.2320, 95.5120 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(222, 59, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 59, 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(222, 59, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 59, 255) }
```

Border

The CSS property to change the border of an element to YIQ 130.0810, 34.2320, 95.5120 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(222, 59, 255) }
```


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

```
.border{ border-color:rgb(222, 59, 255) }
```

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

Here you see how a box with a 4 pixel rgb(222, 59, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 59, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 59, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 59,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 130.0810, 34.2320, 95.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 59, 255) }
```

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

```
.background{ background-color: rgb(222, 59,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor