

Converting Colors

YIQ(193.5920, 2.4700, 32.3420)

Have a look what the booklet for
YIQ(193.5920, 2.4700, 32.3420)
contains.

YIQ(193.5920, 2.4700, 32.3420)	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(193.5920, 2.4700,
32.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	D8ACF6
RGB	216, 172, 246
RGB Percent	85%, 67%, 96%
CMY	0.1528, 0.3255, 0.0353
CMYK	0.12, 0.30, 0.00, 0.04
HSL	276°, 80%, 82%
HSV	276°, 30%, 96%
XYZ	59.7120, 50.7559, 93.8287
YIQ	193.5920, 2.4700, 32.3420

Conversions

Conversions Part 2

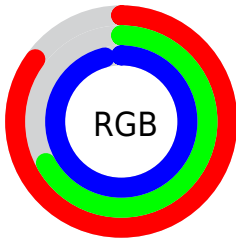
Format	Color
R _Y B	216, 172, 246
Decimal	14200054
CIE Lab	76.53, 29.39, -30.79
CIE LCh	77, 42.562, 313.672
Yxy	50.7559, 0.2923, 0.2484
Android (android.graphics.Color)	4292390134 (0xFFD8ACF6)
YUV	193.5920, 25.8371, 19.6518
Hunter-Lab	71.2432, 24.9329, -28.2159

Details

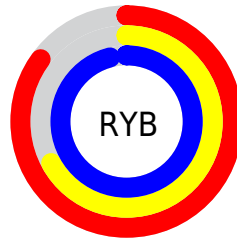
The YIQ color **193.5920, 2.4700, 32.3420** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **224.4080, -2.4700, -32.3420**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1510, 7.4250, 14.1210**, and **139.2390, 1.9660, 30.4620** is the 20% darker color. If you saturate the color by 10%, you get **175.9270, 3.3850, 43.2970**, and if you desaturate by 10%, it is **211.2570, 1.5550, 21.3870**.

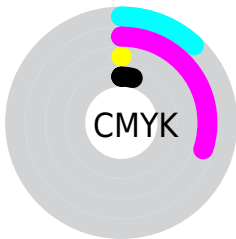
Distribution



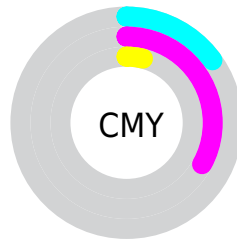
- Red (85%)
- Green (67%)
- Blue (96%)



- Red (85%)
- Yellow (67%)
- Blue (96%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)




- Cyan (15%)
- Magenta (33%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.5920, 2.4700, 32.3420 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 193.5920, 2.4700, 32.3420 by changing the saturation by 10% instead.


 193.5920, 2.4700,
32.3420

 193.5920, 2.4700,
32.3420

255.0000, -0.0000,
-0.0000

 166.0650, 2.5160,
31.5080


 239.1510, 7.4250,
14.1210

 139.2390, 1.9660,
30.4620

 113.7120, 2.0120,
29.6280

 88.5870, 0.8660,
28.3700

 64.6470, 0.6370,
27.0130

 41.1200, 0.6830,
26.1790

 18.4080, -0.1880,

25.4440

■ 6.0550, -9.8600,
13.5000

■ 2.5250, -5.7320,
4.7640

■ 193.5920, 2.4700,
32.3420

■ 193.5920, 2.4700,
32.3420

■ 175.9270, 3.3850,
43.2970

■ 211.2570, 1.5550,
21.3870

■ 158.8490, 4.0250,
53.7290

■ 228.3350, 0.9150,
10.9550

■ 141.1840, 4.9400,
64.6840

■ 246.0000, -0.0000,
-0.0000

■ 124.1060, 5.5800,
75.1160

■ 253.9740, 2.8890,
-2.7990

■ 106.4410, 6.4950,
86.0710

■ 88.7760, 7.4100,
97.0260

■ 71.6980, 8.0500,
107.4580

Harmonies

Analogous

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



186.9780, -37.3240, 15.6360



193.5920, 2.4700, 32.3420



194.0230, 37.8650, 35.1530

Triad

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



193.5920, 2.4700, 32.3420



187.6220, 53.3700, -9.0780



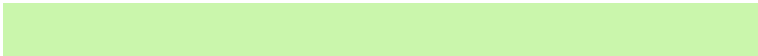
156.3220, -104.8040, -38.9800

Complementary

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



193.5920, 2.4700, 32.3420



224.4080, -2.4700, -32.3420

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.



171.4040, -49.3730, -35.8450



193.5920, 2.4700, 32.3420



184.2610, 28.9810, -24.1310

Square

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



193.5920, 2.4700, 32.3420



189.1910, 62.6740, 9.5380



179.1410, -6.0920, -32.7800



149.0970, -134.6070, -32.9990

Rectangle

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



193.5920, 2.4700, 32.3420



190.0810, 49.1450, 28.9610



179.1410, -6.0920, -32.7800



163.2120, -83.9430, -37.0870

Sweetspot

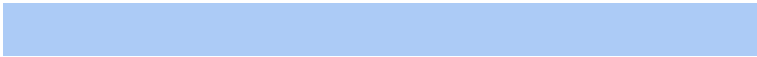
The Sweet Spot groups the original color and five complimentary colors.



193.5920, 2.4700, 32.3420



238.8080, 0.9610, 10.1210



198.6330, -32.2790, 6.8010



117.4010, 0.5490, 6.5730



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.



193.5920, 2.4700, 32.3420



189.9330, 3.2480, 40.2720



201.8780, 22.2760, 36.8360



113.4610, 0.3200, 5.2160



54.3930, 6.4500, 81.3780



17.1910, 1.9210, 25.7690

Inverse Universe

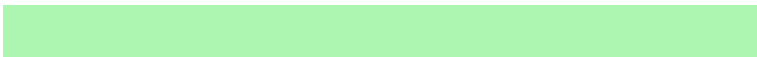
The Inverse Universe completely reimagines the original color for something new.



197.5460, 34.4740, 25.0180



194.7260, 42.9550, 31.0110



216.1220, -22.2760, -36.8360



114.1580, 5.5470, 4.0990



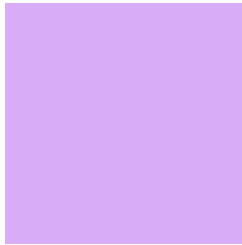
64.1640, 86.7810, 62.7570



20.3770, 27.4600, 19.9720

Previews

White Background



This preview shows how the YIQ color 193.5920, 2.4700, 32.3420 looks on a white background.

Color Contrast Check

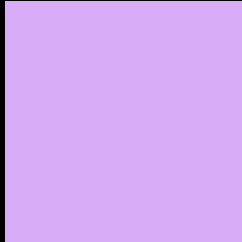
Large Text (above 18pt) WCAG AA × Fail

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 193.5920, 2.4700, 32.3420 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 193.5920, 2.4700, 32.3420

Background



This preview shows how black text looks on a background with the YIQ color 193.5920, 2.4700, 32.3420.



This preview shows how white text looks on a background with the YIQ color 193.5920, 2.4700,

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

193.5920, 2.4700, 32.3420

Protanopia

189.3700, -32.5560, 17.3320

Deuteranopia

190.4050, -22.4690, 16.2430



Tritanopia

191.3700, 11.0020, 9.8660

Trichromacy



Original Color

193.5920, 2.4700, 32.3420

Protanomaly

191.1760, -20.0860, 22.6180

Deuteranomaly

191.4710, -13.6670, 21.9250

Tritanomaly

191.9710, 8.1120, 18.1920

Monochromacy



Original Color

193.5920, 2.4700, 32.3420

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.8620, 0.8690, 11.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.5920, 2.4700, 32.3420 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(216, 172, 246)` looks like.

```
.text, #text, p{  
    color:rgb(216, 172, 246)  
}
```

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(216, 172, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 172, 246) }
```

Border

The CSS property to change the border of an element to YIQ 193.5920, 2.4700, 32.3420 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(216, 172, 246) }
```


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

```
.border{ border-color:rgb(216, 172, 246) }
```

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

Here you see how a box with a 4 pixel rgb(216, 172, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 172, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 172, 246);  
box-shadow:4px 4px 4px 4px rgb(216, 172,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 193.5920, 2.4700, 32.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 172, 246) }
```

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

```
.background{ background-color: rgb(216,  
172, 246) }
```

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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