

Converting Colors

YIQ(190.2320, 3.8440, 40.4840)

Have a look what the booklet for
YIQ(190.2320, 3.8440, 40.4840)
contains.

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Color

**YIQ(190.2320, 3.8440,
40.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA3FF
RGB	219, 163, 255
RGB Percent	86%, 64%, 100%
CMY	0.1410, 0.3609, 0.0001
CMYK	0.14, 0.36, 0.00, 0.00
HSL	277°, 100%, 82%
HSV	277°, 36%, 100%
XYZ	60.3688, 48.4728, 100.7701
YIQ	190.2320, 3.8440, 40.4840

Conversions

Conversions Part 2

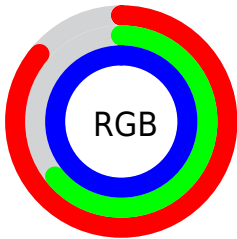
Format	Color
R _{YB}	219, 163, 255
Decimal	14394367
CIE _{Lab}	75.12, 37.03, -37.80
CIE _{LCh}	75, 52.911, 314.411
Yxy	48.4728, 0.2880, 0.2313
Android (android.graphics.Color)	4292584447 (0xFFDBA3FF)
YUV	190.2320, 31.9306, 25.2295
Hunter-Lab	69.6224, 32.9361, -37.0795

Details

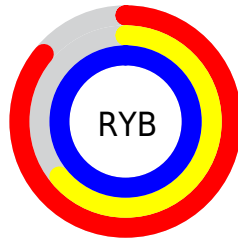
The YIQ color $190.2320, 3.8440, 40.4840$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $227.7680, -3.8440, -40.4840$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.8680, 9.9000, 18.8280$, and $135.8790, 3.3400, 38.6040$ is the 20% darker color. If you saturate the color by 10%, you get $171.9800, 5.0340, 51.9620$, and if you desaturate by 10%, it is $207.8970, 2.9290, 29.5290$.

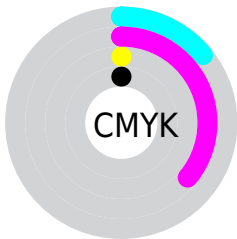
Distribution



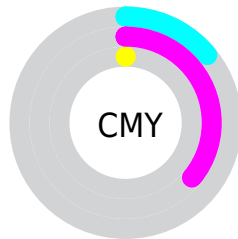
- Red (86%)
- Green (64%)
- Blue (100%)



- Red (86%)
- Yellow (64%)
- Blue (100%)



- Cyan (14%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)




- Cyan (14%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.2320, 3.8440, 40.4840 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 190.2320, 3.8440, 40.4840 by changing the saturation by 10% instead.

 190.2320, 3.8440,
40.4840

 190.2320, 3.8440,
40.4840


255.0000, -0.0000,
-0.0000

 162.7050, 3.8900,
39.6500


 233.8680, 9.9000,
18.8280

 135.8790, 3.3400,
38.6040

 250.3040, 2.2000,
4.1840

 109.9390, 3.1110,
37.2470

 84.8140, 1.9650,
35.9890

 59.9880, 1.4150,
34.9430

 34.8740, 1.7360,
34.6320

 17.6190, -2.1600,

28.1440

■ 5.2440, -14.7660,
14.3060

■ 3.3230, -7.9790,
6.9410

■ 190.2320, 3.8440,
40.4840

■ 190.2320, 3.8440,
40.4840

■ 171.9800, 5.0340,
51.9620

■ 207.8970, 2.9290,
29.5290

■ 154.3150, 5.9490,
62.9170

■ 226.1490, 1.7390,
18.0510

■ 136.0630, 7.1390,
74.3950

■ 243.8140, 0.8240,
7.0960

■ 118.3980, 8.0540,
85.3500

■ 255.0000, -0.0000,
-0.0000

■ 100.1460, 9.2440,
96.8280

■ 82.4810, 10.1590,
107.7830

■ 75.4150, 10.5250,
112.1650

Harmonies

Analogous

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



179.5580, -44.8890, 15.0710



190.2320, 3.8440, 40.4840



187.2890, 43.2280, 42.5880

Triad

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



190.2320, 3.8440, 40.4840



182.3750, 64.1910, -12.4570



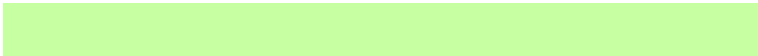
146.9820, -124.5180, -45.1420

Complementary

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



190.2320, 3.8440, 40.4840



227.7680, -3.8440, -40.4840

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.



157.0370, -73.6250, -47.8730



190.2320, 3.8440, 40.4840



178.5570, 33.6590, -31.8210

Square

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



190.2320, 3.8440, 40.4840



181.3830, 70.8810, 9.4810



171.8320, -9.8960, -40.9360



150.2370, -137.8170, -29.8890

Rectangle

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



190.2320, 3.8440, 40.4840



181.2930, 54.6000, 34.7280



171.8320, -9.8960, -40.9360



145.0440, -119.0610, -50.4290

Sweetspot

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



190.2320, 3.8440, 40.4840



235.2750, 1.1440, 12.3120



195.2070, -39.7070, 9.2610



115.9280, 0.5030, 7.4070



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.



190.2320, 3.8440, 40.4840



177.5730, 4.6220, 48.4140



199.9700, 28.1890, 45.3170



118.8740, 0.5950, 5.7390



56.7570, 8.4210, 84.2050



18.9570, 2.7000, 28.1720

Inverse Universe

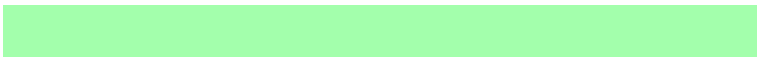
The Inverse Universe completely reimagines the original color for something new.



194.6120, 43.2760, 30.7000



182.7920, 51.7570, 36.6930



218.0300, -28.1890, -45.3170



119.4570, 6.1430, 4.3110



65.6590, 89.7610, 63.8170



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 190.2320, 3.8440, 40.4840 looks on a white background.

Color Contrast Check

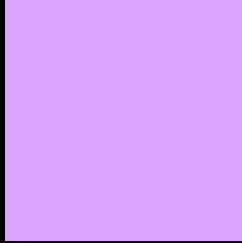
Large Text (above 18pt) WCAG AA × Fail

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 190.2320, 3.8440, 40.4840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

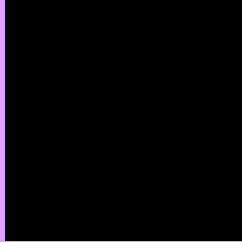
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.2320, 3.8440, 40.4840

Background



This preview shows how black text looks on a background with the YIQ color 190.2320, 3.8440, 40.4840.



This preview shows how white text looks on a background with the YIQ color 190.2320, 3.8440,

40.4840.

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

190.2320, 3.8440, 40.4840

Protanopia

185.2280, -35.0320, 18.1520

Deuteranopia

185.6690, -31.9600, 17.5440



Tritanopia

187.4630, 15.1740, 11.3500

Trichromacy



Original Color

190.2320, 3.8440, 40.4840



Protanomaly

187.0990, -21.1870, 26.0530



Deuteranomaly

187.3550, -19.0320, 25.5440

Tritanomaly

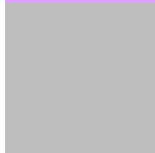
188.4600, 11.2290, 22.2770

Monochromacy



Original Color

190.2320, 3.8440, 40.4840



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

190.1550, 1.6020, 15.0260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.2320, 3.8440, 40.4840 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(219, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 163, 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(219, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 163, 255) }
```

Border

The CSS property to change the border of an element to YIQ 190.2320, 3.8440, 40.4840 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(219, 163, 255) }
```


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

```
.border{ border-color:rgb(219, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 163,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 190.2320, 3.8440, 40.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 163, 255) }
```

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

```
.background{ background-color: rgb(219,  
163, 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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