

Converting Colors

YIQ(192.5360, -3.1240, 34.6040)

Have a look what the booklet for
YIQ(192.5360, -3.1240, 34.6040)
contains.

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Color

**YIQ(192.5360, -3.1240,
34.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	D3ABFF
RGB	211, 171, 255
RGB Percent	83%, 67%, 100%
CMY	0.1724, 0.3295, 0.0001
CMYK	0.17, 0.33, 0.00, 0.00
HSL	269°, 100%, 84%
HSV	269°, 33%, 100%
XYZ	59.4813, 50.1927, 101.1442
YIQ	192.5360, -3.1240, 34.6040

Conversions

Conversions Part 2

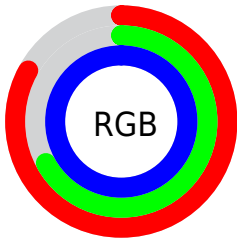
Format	Color
R _Y B	211, 171, 255
Decimal	13872127
CIE Lab	76.19, 30.32, -36.20
CIE LCh	76, 47.220, 309.947
Yxy	50.1927, 0.2821, 0.2381
Android (android.graphics.Color)	4292062207 (0xFFD3ABFF)
YUV	192.5360, 30.7948, 16.1929
Hunter-Lab	70.8468, 25.8825, -35.0524

Details

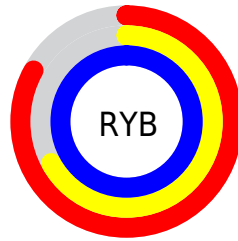
The YIQ color $192.5360, -3.1240, 34.6040$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $233.4640, 3.1240, -34.6040$, and the grayscale version is $192.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $238.5640, 7.7000, 14.6440$, and $138.1830, -3.6280, 32.7240$ is the 20% darker color. If you saturate the color by 10%, you get $173.3870, -3.7220, 45.4460$, and if you desaturate by 10%, it is $211.0980, -2.2510, 24.2850$.

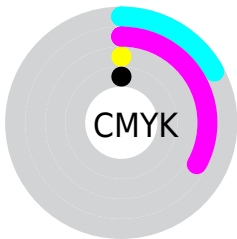
Distribution



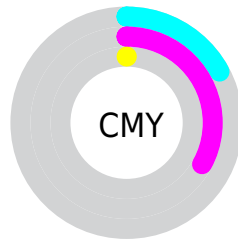
- Red (83%)
- Green (67%)
- Blue (100%)



- Red (83%)
- Yellow (67%)
- Blue (100%)



- Cyan (17%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.5360, -3.1240, 34.6040 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 192.5360, -3.1240, 34.6040 by changing the saturation by 10% instead.

■ 192.5360, -3.1240,
34.6040

■ 192.5360, -3.1240,
34.6040

■ 255.0000, -0.0000,
-0.0000

■ 165.0090, -3.0780,
33.7700

■ 238.5640, 7.7000,
14.6440

■ 138.1830, -3.6280,
32.7240

■ 112.2430, -3.8570,
31.3670

■ 87.4170, -4.4070,
30.3210

■ 63.4770, -4.6360,
28.9640

■ 39.6510, -5.1860,
27.9180

■ 17.1130, -6.6070,

26.1370

■ 5.2440, -14.7660,
14.3060

■ 3.3230, -7.9790,
6.9410

■ 192.5360, -3.1240,
34.6040

■ 192.5360, -3.1240,
34.6040

■ 173.3870, -3.7220,
45.4460

■ 211.0980, -2.2510,
24.2850

■ 154.5260, -5.1910,
55.5530

■ 230.5460, -1.0570,
13.6550

■ 135.3770, -5.7890,
66.3950

■ 249.1080, -0.1840,
3.3360

■ 116.8150, -6.6620,
76.7140

■ 255.0000, -0.0000,
-0.0000

■ 97.3670, -7.8560,
87.3440

■ 78.8050, -8.7290,
97.6630

■ 65.5480, -9.1430,
105.1690

Harmonies

Analogous

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



182.1940, -46.8600, 12.2440



192.5360, -3.1240, 34.6040



193.0710, 37.9100, 39.8460

Triad

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



192.5360, -3.1240, 34.6040



186.5690, 60.8890, -7.6790



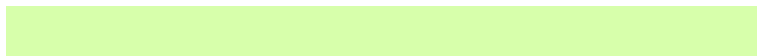
146.7710, -122.5460, -47.8420

Complementary

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



192.5360, -3.1240, 34.6040



233.4640, 3.1240, -34.6040

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.



168.2850, -50.6560, -40.1280



192.5360, -3.1240, 34.6040



183.0290, 35.4460, -25.6580

Square

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



192.5360, -3.1240, 34.6040



185.4410, 64.9660, 12.0540



178.1860, -1.9650, -35.9890



149.7980, -135.2030, -33.2110

Rectangle

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



192.5360, -3.1240, 34.6040



187.7160, 48.9150, 33.1310



178.1860, -1.9650, -35.9890



153.7430, -98.9800, -45.4120

Sweetspot

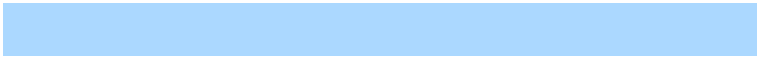
The Sweet Spot groups the original color and five complimentary colors.



192.5360, -3.1240, 34.6040



236.4380, -0.8730, 10.3190



206.9910, -39.3390, 2.5890



115.9170, -0.9640, 6.4600



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.



192.5360, -3.1240, 34.6040



179.2790, -3.5380, 42.1100



204.7950, 21.3120, 43.2960



118.2760, -0.5970, 5.3150



48.9830, -7.0750, 78.6930



16.2660, -2.6640, 26.2640

Inverse Universe

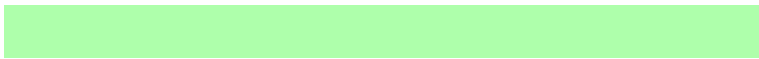
The Inverse Universe completely reimagines the original color for something new.



201.1320, 35.9400, 31.4920



189.5400, 43.7790, 38.1070



221.2050, -21.3120, -43.2960



119.5710, 5.8220, 4.6220



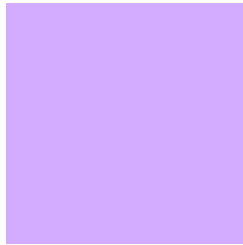
68.5090, 81.7360, 71.5920



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 192.5360, -3.1240, 34.6040 looks on a white background.

Color Contrast Check

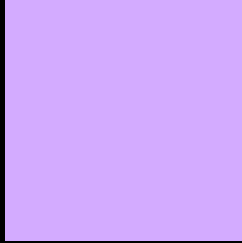
Large Text (above 18pt) WCAG AA × Fail

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 192.5360, -3.1240, 34.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

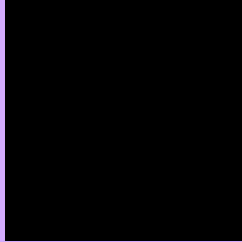
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.5360, -3.1240, 34.6040

Background



This preview shows how black text looks on a background with the YIQ color 192.5360, -3.1240, 34.6040.



This preview shows how white text looks on a background with the YIQ color 192.5360, -3.1240,

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

192.5360, -3.1240, 34.6040

Protanopia

188.1850, -33.4730, 17.4310

Deuteranopia

188.4520, -29.8510, 17.8690



Tritanopia

189.9780, 6.2340, 8.1700

Trichromacy



Original Color

192.5360, -3.1240, 34.6040



Protanomaly

190.0340, -22.5620, 23.4380



Deuteranomaly

190.1160, -19.8570, 23.9750



Tritanomaly

191.2200, 2.9770, 17.6410

Monochromacy



Original Color

192.5360, -3.1240, 34.6040



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

193.0190, -1.0110, 12.8210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.5360, -3.1240, 34.6040 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(211, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 171, 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(211, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 171, 255) }
```

Border

The CSS property to change the border of an element to YIQ 192.5360, -3.1240, 34.6040 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(211, 171, 255) }
```


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

```
.border{ border-color:rgb(211, 171, 255) }
```

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

Here you see how a box with a 4 pixel rgb(211, 171, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 171,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 192.5360, -3.1240, 34.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 171, 255) }
```

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

```
.background{ background-color: rgb(211,  
171, 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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