

Converting Colors

YIQ(189.6240, -0.5560, 32.1160)

Have a look what the booklet for
YIQ(189.6240, -0.5560, 32.1160)
contains.

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Color

**YIQ(189.6240, -0.5560,
32.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A9F5
RGB	209, 169, 245
RGB Percent	82%, 66%, 96%
CMY	0.1802, 0.3373, 0.0393
CMYK	0.15, 0.31, 0.00, 0.04
HSL	272°, 79%, 81%
HSV	272°, 31%, 96%
XYZ	56.9687, 48.5220, 92.7368
YIQ	189.6240, -0.5560, 32.1160

Conversions

Conversions Part 2

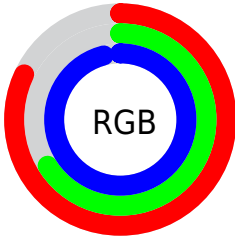
Format	Color
R _Y B	209, 169, 245
Decimal	13740533
CIE Lab	75.15, 28.67, -32.42
CIE LCh	75, 43.278, 311.486
Yxy	48.5220, 0.2874, 0.2448
Android (android.graphics.Color)	4291930613 (0xFFD1A9F5)
YUV	189.6240, 27.3004, 16.9928
Hunter-Lab	69.6577, 24.0830, -30.1737

Details

The YIQ color $189.6240, -0.5560, 32.1160$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $224.3760, 0.5560, -32.1160$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.3900, 8.2500, 15.6900$, and $135.5700, -0.4640, 30.4480$ is the 20% darker color. If you saturate the color by 10%, you get $171.3610, -0.8330, 42.6470$, and if you desaturate by 10%, it is $207.3000, -0.0040, 22.1080$.

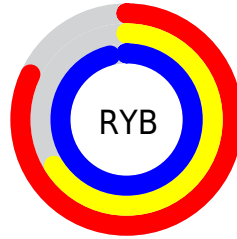
Distribution



Red (82%)

Green (66%)

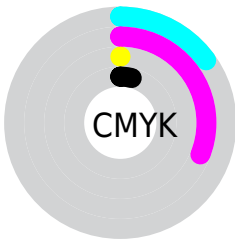
Blue (96%)



Red (82%)

Yellow (66%)

Blue (96%)

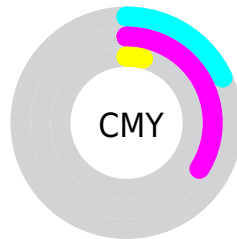


Cyan (15%)

Magenta (31%)

Yellow (0%)

Black (4%)



Cyan (18%)

Magenta (34%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.6240, -0.5560, 32.1160 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 189.6240, -0.5560, 32.1160 by changing the saturation by 10% instead.

189.6240, -0.5560,
32.1160

189.6240, -0.5560,
32.1160

255.0000, -0.0000,
-0.0000

162.0970, -0.5100,
31.2820

237.3900, 8.2500,
15.6900

135.5700, -0.4640,
30.4480

253.8260, 0.5500,
1.0460

109.7440, -1.0140,
29.4020

84.9180, -1.5640,
28.3560

60.9780, -1.7930,
26.9990

37.8530, -2.9390,
25.7410

15.3260, -2.8930,

24.9070

■ 4.4460, -12.5190,
12.1290

■ 2.4110, -5.4110,
4.4530

■ 189.6240, -0.5560,
32.1160

■ 189.6240, -0.5560,
32.1160

■ 171.3610, -0.8330,
42.6470

■ 207.3000, -0.0040,
22.1080

■ 153.9840, -0.7890,
52.8670

■ 225.2640, -0.3230,
11.3650

■ 135.7210, -1.0660,
63.3980

■ 242.9400, 0.2290,
1.3570

■ 118.3440, -1.0220,
73.6180

■ 253.8600, 3.2100,
-3.1100

■ 100.0810, -1.2990,
84.1490

■ 82.7040, -1.2550,
94.3690

■ 66.5010, -1.7610,
103.5430

Harmonies

Analogous

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



182.2270, -42.4590, 15.0850



189.6240, -0.5560, 32.1160



190.0660, 36.3060, 35.8740

Triad

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



189.6240, -0.5560, 32.1160



184.0460, 55.1120, -7.6080



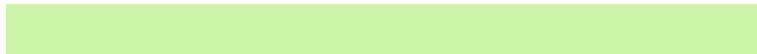
149.1040, -110.1220, -41.7220

Complementary

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



189.6240, -0.5560, 32.1160



224.3760, 0.5560, -32.1160

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.



167.6600, -47.2180, -36.3540



189.6240, -0.5560, 32.1160



180.9300, 31.4110, -24.1170

Square

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



189.6240, -0.5560, 32.1160



186.0280, 64.6910, 11.5310



175.8100, -3.6620, -32.7660



146.7660, -132.1770, -32.9850

Rectangle

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



189.6240, -0.5560, 32.1160



187.1460, 50.5200, 31.5760



175.8100, -3.6620, -32.7660



158.5710, -83.5760, -38.2320

Sweetspot

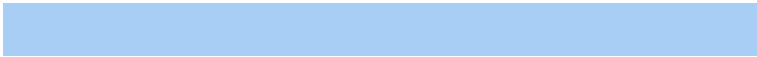
The Sweet Spot groups the original color and five complimentary colors.



189.6240, -0.5560, 32.1160



238.2100, -0.2310, 9.6970



199.3830, -34.5710, 4.2850



117.1020, -0.0470, 6.3610



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.



189.6240, -0.5560, 32.1160



186.3670, -0.9700, 39.6220



200.2740, 21.2210, 39.4370



113.4610, 0.3200, 5.2160



50.5060, -1.2980, 78.6220



15.9950, -0.4630, 24.9210

Inverse Universe

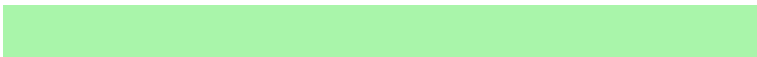
The Inverse Universe completely reimagines the original color for something new.



195.8280, 33.7400, 27.3080



194.1220, 41.9000, 33.6120



213.7260, -21.2210, -39.4370



114.2720, 5.2260, 4.4100



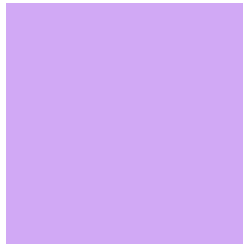
65.6460, 82.6080, 66.8000



20.8330, 26.1760, 21.2160

Previews

White Background



This preview shows how the YIQ color 189.6240, -0.5560, 32.1160 looks on a white background.

Color Contrast Check

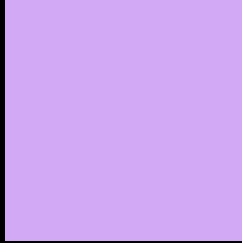
Large Text (above 18pt) WCAG AA × Fail

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 189.6240, -0.5560, 32.1160 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 189.6240, -0.5560, 32.1160

Background



This preview shows how black text looks on a background with the YIQ color 189.6240, -0.5560, 32.1160.



This preview shows how white text looks on a background with the YIQ color 189.6240, -0.5560,

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

189.6240, -0.5560, 32.1160

Protanopia

185.5270, -34.4360, 18.3640

Deuteranopia

185.8500, -25.2200, 16.5400



Tritanopia

187.1740, 8.6180, 9.0180

Trichromacy



Original Color

189.6240, -0.5560, 32.1160

Protanomaly

186.9200, -22.2410, 23.1270

Deuteranomaly

186.9160, -16.4180, 22.2220

Tritanomaly

187.8890, 5.4070, 17.6550

Monochromacy



Original Color

189.6240, -0.5560, 32.1160

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.6770, -0.0480, 11.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6240, -0.5560, 32.1160 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(209, 169, 245)` looks like.

```
.text, #text, p{  
    color:rgb(209, 169, 245)  
}
```

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(209, 169, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 169, 245) }
```

Border

The CSS property to change the border of an element to YIQ 189.6240, -0.5560, 32.1160 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(209, 169, 245) }
```


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

```
.border{ border-color:rgb(209, 169, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 169, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 169, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 169, 245);  
box-shadow:4px 4px 4px 4px rgb(209, 169,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6240, -0.5560, 32.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 169, 245) }
```

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

```
.background{ background-color: rgb(209,  
169, 245) }
```

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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