

Converting Colors

YIQ(193.6950, 0.6820, 31.7060)

Have a look what the booklet for
YIQ(193.6950, 0.6820, 31.7060)
contains.

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Color

**YIQ(193.6950, 0.6820,
31.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ADF7
RGB	214, 173, 247
RGB Percent	84%, 68%, 97%
CMY	0.1606, 0.3216, 0.0314
CMYK	0.13, 0.30, 0.00, 0.03
HSL	273°, 82%, 82%
HSV	273°, 30%, 97%
XYZ	59.4689, 50.8968, 94.6741
YIQ	193.6950, 0.6820, 31.7060

Conversions

Conversions Part 2

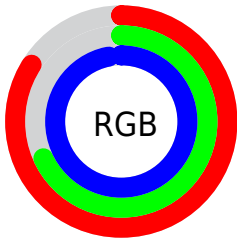
Format	Color
RYB	214, 173, 247
Decimal	14069239
CIELab	76.62, 28.44, -31.21
CIELCh	77, 42.223, 312.343
Yxy	50.8968, 0.2900, 0.2482
Android (android.graphics.Color)	4292259319 (0xFFD6ADF7)
YUV	193.6950, 26.2794, 17.8075
Hunter-Lab	71.3420, 23.9446, -28.7412

Details

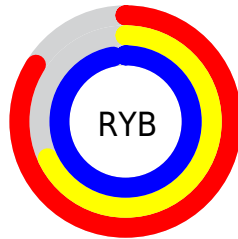
The YIQ color $193.6950, 0.6820, 31.7060$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $226.3050, -0.6820, -31.7060$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.7380, 7.1500, 13.5980$, and $139.3420, 0.1780, 29.8260$ is the 20% darker color. If you saturate the color by 10%, you get $175.7310, 1.0010, 42.4490$, and if you desaturate by 10%, it is $211.6590, 0.3630, 20.9630$.

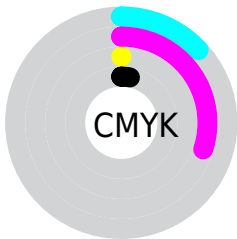
Distribution



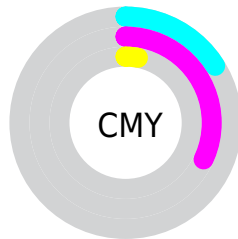
- Red (84%)
- Green (68%)
- Blue (97%)



- Red (84%)
- Yellow (68%)
- Blue (97%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.6950, 0.6820, 31.7060 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 193.6950, 0.6820, 31.7060 by changing the saturation by 10% instead.

■ 193.6950, 0.6820,
31.7060

■ 193.6950, 0.6820,
31.7060

255.0000, -0.0000,
-0.0000

■ 166.1680, 0.7280,
30.8720

■ 239.7380, 7.1500,
13.5980

■ 139.3420, 0.1780,
29.8260

■ 113.8150, 0.2240,
28.9920

■ 88.9890, -0.3260,
27.9460

■ 64.7500, -1.1510,
26.3770

■ 41.2230, -1.1050,
25.5430

■ 18.5110, -1.9760,

24.8080

■ 5.4570, -11.0520,
13.0760

■ 2.6390, -6.0530,
5.0750

■ 193.6950, 0.6820,
31.7060

■ 193.6950, 0.6820,
31.7060

■ 175.7310, 1.0010,
42.4490

■ 211.6590, 0.3630,
20.9630

■ 158.3540, 1.0450,
52.6690

■ 229.0360, 0.3190,
10.7430

■ 140.3900, 1.3640,
63.4120

■ 247.0000, -0.0000,
-0.0000

■ 122.4260, 1.6830,
74.1550

■ 254.0880, 2.5680,
-2.4880

■ 104.4620, 2.0020,
84.8980

■ 87.0850, 2.0460,
95.1180

■ 69.1210, 2.3650,
105.8610

Harmonies

Analogous

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



186.0810, -39.1120, 15.0000



193.6950, 0.6820, 31.7060



193.9520, 36.6270, 35.5630

Triad

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



193.6950, 0.6820, 31.7060



188.1490, 53.3240, -8.2440



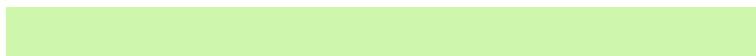
158.7850, -98.7980, -37.6940

Complementary

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



193.6950, 0.6820, 31.7060



226.3050, -0.6820, -31.7060

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.



172.1870, -47.2640, -35.5200



193.6950, 0.6820, 31.7060



184.8590, 30.1730, -23.7070

Square

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



193.6950, 0.6820, 31.7060



189.4190, 62.0320, 10.1600



179.7390, -4.9000, -32.3560



148.8690, -133.9650, -33.6210

Rectangle

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



193.6950, 0.6820, 31.7060



190.3090, 48.5030, 29.5830



179.7390, -4.9000, -32.3560



164.4790, -80.3210, -36.6490

Sweetspot

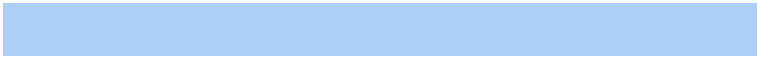
The Sweet Spot groups the original color and five complimentary colors.



193.6950, 0.6820, 31.7060



238.5090, 0.3650, 9.9090



200.8070, -32.8290, 5.7550



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.



193.6950, 0.6820, 31.7060



188.7370, 0.8640, 39.4240



203.1060, 21.6340, 37.4580



113.4610, 0.3200, 5.2160



52.0010, 1.6820, 79.6820



16.5930, 0.7290, 25.3450

Inverse Universe

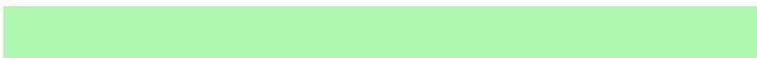
The Inverse Universe completely reimagines the original color for something new.



198.8880, 33.5110, 25.9510



195.1820, 41.6710, 32.2550



216.8940, -21.6340, -37.4580



114.2720, 5.2260, 4.4100



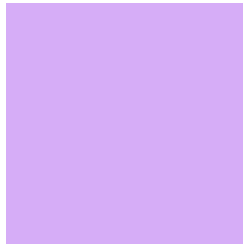
65.0760, 84.2130, 65.2450



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 193.6950, 0.6820, 31.7060 looks on a white background.

Color Contrast Check

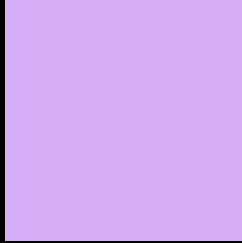
Large Text (above 18pt) WCAG AA × Fail

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 193.6950, 0.6820, 31.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

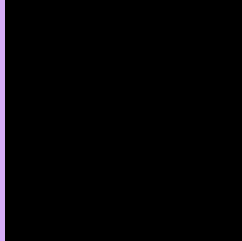
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.6950, 0.6820, 31.7060

Background



This preview shows how black text looks on a background with the YIQ color 193.6950, 0.6820, 31.7060.



This preview shows how white text looks on a background with the YIQ color 193.6950, 0.6820,

31.7060.

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

193.6950, 0.6820, 31.7060

Protanopia

189.6690, -31.9600, 17.5440

Deuteranopia

190.2200, -23.3860, 16.3420



Tritanopia

191.4730, 9.2140, 9.2300

Trichromacy



Original Color

193.6950, 0.6820, 31.7060

Protanomaly

191.1760, -20.0860, 22.6180

Deuteranomaly

191.2860, -14.5840, 22.0240

Tritanomaly

192.0740, 6.3240, 17.5560

Monochromacy



Original Color

193.6950, 0.6820, 31.7060

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.5630, 0.2730, 11.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.6950, 0.6820, 31.7060 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(214, 173, 247)` looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 247)  
}
```

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(214, 173, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 247) }
```

Border

The CSS property to change the border of an element to YIQ 193.6950, 0.6820, 31.7060 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(214, 173, 247) }
```


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

```
.border{ border-color:rgb(214, 173, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 173, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 247);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 193.6950, 0.6820, 31.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 247) }
```

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

```
.background{ background-color: rgb(214,  
173, 247) }
```

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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