

Converting Colors

YIQ(194.1640, -2.6170, 19.9030)

Have a look what the booklet for
YIQ(194.1640, -2.6170, 19.9030)
contains.

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Color

**YIQ(194.1640, -2.6170,
19.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB6E7
RGB	204, 182, 231
RGB Percent	80%, 71%, 91%
CMY	0.1999, 0.2863, 0.0942
CMYK	0.12, 0.21, 0.00, 0.09
HSL	267°, 51%, 81%
HSV	267°, 21%, 91%
XYZ	56.0558, 52.0613, 82.6866
YIQ	194.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

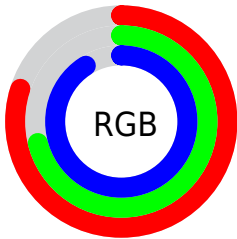
Format	Color
RYB	204, 182, 231
Decimal	13416167
CIELab	77.32, 17.07, -21.58
CIELCh	77, 27.515, 308.357
Yxy	52.0613, 0.2938, 0.2729
Android (android.graphics.Color)	4291606247 (0xFFCCB6E7)
YUV	194.1640, 18.1601, 8.6262
Hunter-Lab	72.1535, 12.4072, -17.4377

Details

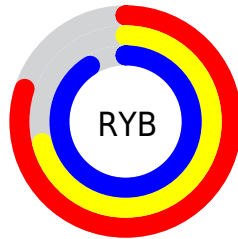
The YIQ color $194.1640, -2.6170, 19.9030$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $218.8360, 2.6170, -19.9030$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0210, 4.6750, 8.8910$, and $140.2240, -2.8460, 18.5460$ is the 20% darker color. If you saturate the color by 10%, you get $176.7760, -4.0400, 29.1760$, and if you desaturate by 10%, it is $211.5520, -1.1940, 10.6300$.

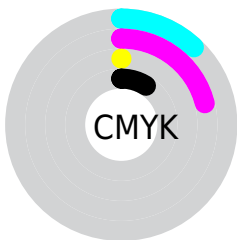
Distribution



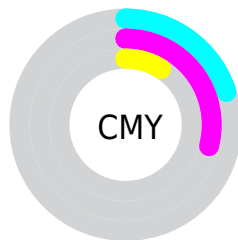
- Red (80%)
- Green (71%)
- Blue (91%)



- Red (80%)
- Yellow (71%)
- Blue (91%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.1640, -2.6170, 19.9030 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 194.1640, -2.6170, 19.9030 by changing the saturation by 10% instead.

■ 194.1640, -2.6170,
19.9030

■ 194.1640, -2.6170,
19.9030

■ 255.0000, -0.0000,
-0.0000

■ 166.7510, -2.8920,
19.3800

■ 245.0210, 4.6750,
8.8910

■ 140.2240, -2.8460,
18.5460

■ 114.8110, -3.1210,
18.0230

■ 90.2840, -3.0750,
17.1890

■ 66.7570, -3.0290,
16.3550

■ 43.9310, -3.5790,
15.3090

■ 22.4040, -3.5330,

14.4750

■ 3.4200, -9.6300,
9.3300

■ 0.0000, 0.0000,
0.0000

■ 194.1640, -2.6170,
19.9030

■ 194.1640, -2.6170,
19.9030

■ 176.7760, -4.0400,
29.1760

■ 211.5520, -1.1940,
10.6300

■ 159.6870, -4.8670,
38.6610

■ 228.6410, -0.3670,
1.1450

■ 142.2990, -6.2900,
47.9340

■ 246.0290, 1.0560,
-8.1280

■ 124.9110, -7.7130,
57.2070

■ 252.2640, 7.7040,
-7.4640

■ 107.5230, -9.1360,
66.4800

■ 89.8470, -9.6880,
76.4880

■ 72.4590, -11.1110,
85.7610

■ 57.4300, -12.1670,
93.8890

Harmonies

Analogous

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



190.4210, -28.5660, 11.0980



194.1640, -2.6170, 19.9030



195.4350, 21.5450, 22.5450

Triad

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



194.1640, -2.6170, 19.9030



191.4110, 38.1470, -3.0130



179.2710, -46.9000, -20.0840

Complementary

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



194.1640, -2.6170, 19.9030



218.8360, 2.6170, -19.9030

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.



182.5970, -24.5710, -22.7710



194.1640, -2.6170, 19.9030



189.0620, 22.6520, -14.0520

Square

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



194.1640, -2.6170, 19.9030



193.4260, 42.9590, 8.9030



185.9390, 0.8290, -20.5390



180.0390, -57.6300, -12.8460

Rectangle

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



194.1640, -2.6170, 19.9030



195.3130, 33.5120, 20.4240



185.9390, 0.8290, -20.5390



180.4520, -40.1600, -21.0880

Sweetspot

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



194.1640, -2.6170, 19.9030



243.8030, -0.6430, 6.1490



204.0220, -23.4290, 0.5950



121.2220, -0.5050, 3.6470



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.



194.1640, -2.6170, 19.9030



206.9670, -3.2600, 26.0520



201.3400, 11.6870, 24.9910



105.8630, -0.8720, 4.7920



44.3260, -9.7790, 72.6290



12.6910, -2.6630, 20.7370

Inverse Universe

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



199.7290, 20.5370, 18.7850



214.1260, 26.9090, 24.4530



211.6600, -11.6870, -24.9910



107.3860, 4.9050, 4.7210



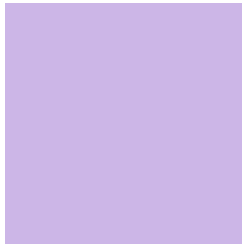
64.6930, 75.2260, 68.4260



18.4410, 21.4080, 19.5200

Previews

White Background



This preview shows how the YIQ color 194.1640, -2.6170, 19.9030 looks on a white background.

Color Contrast Check

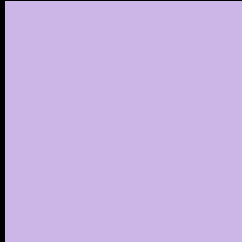
Large Text (above 18pt) WCAG AA × Fail

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 194.1640, -2.6170, 19.9030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

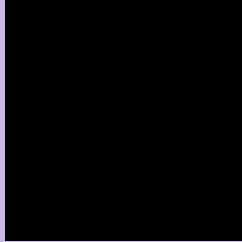
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.1640, -2.6170, 19.9030

Background



This preview shows how black text looks on a background with the YIQ color 194.1640, -2.6170, 19.9030.



This preview shows how white text looks on a background with the YIQ color 194.1640, -2.6170,

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

194.1640, -2.6170, 19.9030

Protanopia

191.6670, -20.4510, 12.7090

Deuteranopia

192.7990, -12.0150, 14.0090



Tritanopia

192.2980, 2.3370, 7.2090

Trichromacy



Original Color

194.1640, -2.6170, 19.9030

Protanomaly

192.3690, -13.6200, 15.5640

Deuteranomaly

193.1200, -8.4850, 16.1150

Tritanomaly

192.9760, 0.5480, 12.1000

Monochromacy



Original Color

194.1640, -2.6170, 19.9030

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.3300, -0.6890, 6.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.1640, -2.6170, 19.9030 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(204, 182, 231)` looks like.

```
.text, #text, p{  
    color:rgb(204, 182, 231)  
}
```

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(204, 182, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 182, 231) }
```

Border

The CSS property to change the border of an element to YIQ 194.1640, -2.6170, 19.9030 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(204, 182, 231) }
```


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

```
.border{ border-color:rgb(204, 182, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 182, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 182, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 182, 231);  
box-shadow:4px 4px 4px 4px rgb(204, 182,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 194.1640, -2.6170, 19.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 182, 231) }
```

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

```
.background{ background-color: rgb(204,  
182, 231) }
```

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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