

Converting Colors

YIQ(193.8200, -16.5080,
12.8360)

Have a look what the booklet for
YIQ(193.8200, -16.5080, 12.8360)
contains.

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Color

**YIQ(193.8200, -16.5080,
12.8360)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BABEEA |
| RGB | 186, 190, 234 |
| RGB Percent | 73%, 75%, 92% |
| CMY | 0.2706, 0.2549, 0.0824 |
| CMYK | 0.21, 0.19, 0.00, 0.08 |
| HSL | 235°, 53%, 82% |
| HSV | 235°, 21%, 92% |
| XYZ | 53.5123, 53.2064, 85.2722 |
| YIQ | 193.8200, -16.5080, 12.8360 |

Conversions

Conversions Part 2

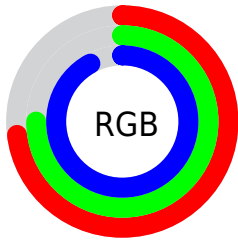
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 186, 190, 234 |
| Decimal | 12238570 |
| CIE Lab | 78.00, 7.71, -22.29 |
| CIE LCh | 78, 23.583, 289.075 |
| Yxy | 53.2064, 0.2787, 0.2771 |
| Android (android.graphics.Color) | 4290428650 (0xFFBABEEA) |
| YUV | 193.8200, 19.8087, -6.8581 |
| Hunter-Lab | 72.9427, 3.3015, -18.2519 |

Details

The YIQ color $193.8200, -16.5080, 12.8360$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $226.1800, 16.5080, -12.8360$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.1290, -4.6770, 2.1630$, and $140.1790, -16.1410, 11.6910$ is the 20% darker color. If you saturate the color by 10%, you get $174.6160, -24.4410, 18.9430$, and if you desaturate by 10%, it is $213.0240, -8.5750, 6.7290$.

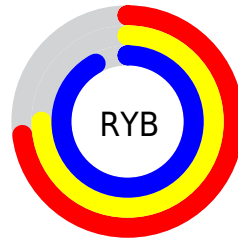
Distribution



Red (73%)

Green (75%)

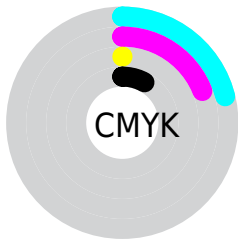
Blue (92%)



Red (73%)

Yellow (75%)

Blue (92%)

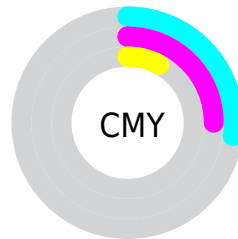


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (25%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.8200, -16.5080, 12.8360 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 193.8200, -16.5080, 12.8360 by changing the saturation by 10% instead.

■ 193.8200,
-16.5080, 12.8360

■ 193.8200,
-16.5080, 12.8360

■ 255.0000, -0.0000,
-0.0000

■ 166.7060,
-16.1870, 12.5250

■ 246.1290, -4.6770,
2.1630

■ 140.1790,
-16.1410, 11.6910

■ 114.0650,
-15.8200, 11.3800

■ 89.5380, -15.7740,
10.5460

■ 66.0110, -15.7280,
9.7120

■ 43.4840, -15.6820,
8.8780

■ 21.6470, -17.6990,

6.8850

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 193.8200,
-16.5080, 12.8360

■ 193.8200,
-16.5080, 12.8360

■ 174.6160,
-24.4410, 18.9430

■ 213.0240, -8.5750,
6.7290

■ 154.5260,
-32.6950, 25.3610

■ 233.1140, -0.3210,
0.3110

■ 135.3220,
-40.6280, 31.4680

■ 252.0190, 7.0160,
-6.0080

■ 115.2320,
-48.8820, 37.8860

■ 252.6060, 6.7410,
-6.5310

■ 96.0280, -56.8150,
43.9930

■ 76.2370, -64.4730,
50.6230

■ 56.7340, -73.0020,
56.5180

■ 38.4160, -80.6140,
62.3140

Harmonies

Analogous

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



189.3720, -36.0380, 3.3380



193.8200, -16.5080, 12.8360



196.4160, 5.3610, 18.4890

Triad

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



193.8200, -16.5080, 12.8360



194.8550, 37.1370, 4.2810



185.2640, -27.8270, -18.8270

Complementary

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



193.8200, -16.5080, 12.8360



226.1800, 16.5080, -12.8360

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.



188.1000, -6.8740, -18.6020



193.8200, -16.5080, 12.8360



192.9260, 29.2070, -6.1930

Square

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



193.8200, -16.5080, 12.8360



196.1680, 35.1180, 13.3420



190.5710, 13.8490, -14.2070



183.5860, -43.2330, -14.9530

Rectangle

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



193.8200, -16.5080, 12.8360



196.7720, 18.9780, 19.5060



190.5710, 13.8490, -14.2070



185.9720, -21.1330, -18.9970

Sweetspot

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



193.8200, -16.5080, 12.8360



242.2970, -5.0900, 4.1420



219.0780, -27.0030, -11.7310



120.0260, -2.8890, 2.7990



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.



193.8200, -16.5080, 12.8360



201.8180, -22.1940, 16.7660



197.1530, -4.0840, 18.9560



107.8410, -3.8060, 2.8980



29.4390, -62.2260, 48.4460



8.5040, -18.4340, 14.7020

Inverse Universe

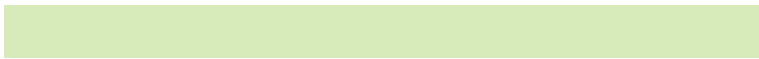
The Inverse Universe completely reimagines the original color for something new.



200.8080, 27.3240, 11.4200



210.8200, 36.2180, 15.4340



222.8470, 4.0840, -18.9560



109.4030, 6.2350, 2.6430



55.8290, 103.0610, 43.0370



16.6020, 30.9000, 12.6920

Previews

White Background



This preview shows how the YIQ color 193.8200, -16.5080, 12.8360 looks on a white background.

Color Contrast Check

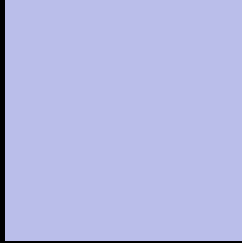
Large Text (above 18pt) WCAG AA × Fail

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 193.8200, -16.5080, 12.8360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

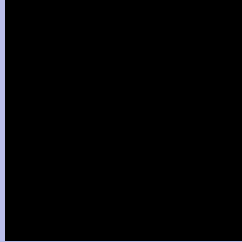
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.8200, -16.5080, 12.8360

Background



This preview shows how black text looks on a background with the YIQ color 193.8200, -16.5080, 12.8360.



This preview shows how white text looks on a background with the YIQ color 193.8200, -16.5080,

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

193.8200, -16.5080, 12.8360

Protanopia

193.6240, -18.8920, 11.9880

Deuteranopia

194.7280, -13.2530, 14.4190



Tritanopia

191.9370, -12.8840, 2.2200

Trichromacy



Original Color

193.8200, -16.5080, 12.8360

Protanomaly

193.9230, -18.2960, 12.2000

Deuteranomaly

194.1300, -14.4450, 13.9950

Tritanomaly

192.9740, -14.3060, 5.9660

Monochromacy



Original Color

193.8200, -16.5080, 12.8360

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.2260, -6.3280, 4.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.8200, -16.5080, 12.8360 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(186, 190, 234)` looks like.

```
.text, #text, p{  
    color:rgb(186, 190, 234)  
}
```

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(186, 190, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 190, 234) }
```

Border

The CSS property to change the border of an element to YIQ 193.8200, -16.5080, 12.8360 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(186, 190, 234) }
```


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

```
.border{ border-color:rgb(186, 190, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 190, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 190, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 190, 234);  
box-shadow:4px 4px 4px 4px rgb(186, 190,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 193.8200, -16.5080, 12.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 190, 234) }
```

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

```
.background{ background-color: rgb(186,  
190, 234) }
```

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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