

Converting Colors

YIQ(195.6130, 6.0040, 12.3400)

Have a look what the booklet for
YIQ(195.6130, 6.0040, 12.3400)
contains.

YIQ(195.6130, 6.0040, 12.3400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(195.6130, 6.0040,
12.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BAD2
RGB	209, 186, 210
RGB Percent	82%, 73%, 82%
CMY	0.1803, 0.2706, 0.1765
CMYK	0.00, 0.11, 0.00, 0.18
HSL	298°, 21%, 78%
HSV	298°, 11%, 82%
XYZ	55.4894, 53.3249, 68.3418
YIQ	195.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

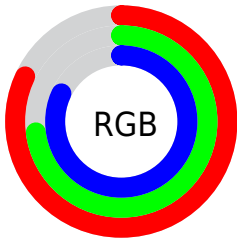
Format	Color
R _Y B	209, 186, 210
Decimal	13744850
CIE Lab	78.07, 12.43, -9.06
CIE LCh	78, 15.379, 323.923
Yxy	53.3249, 0.3132, 0.3010
Android (android.graphics.Color)	4291934930 (0xFFD1BAD2)
YUV	195.6130, 7.0928, 11.7404
Hunter-Lab	73.0239, 7.8469, -4.3717

Details

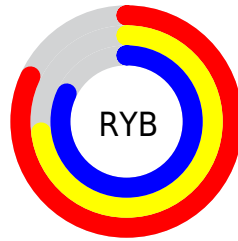
The YIQ color $195.6130, 6.0040, 12.3400$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $200.3870, -6.0040, -12.3400$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.3690, 3.5750, 6.7990$, and $141.9010, 5.1330, 11.6050$ is the 20% darker color. If you saturate the color by 10%, you get $182.9870, 11.1830, 23.1110$, and if you desaturate by 10%, it is $208.2390, 0.8250, 1.5690$.

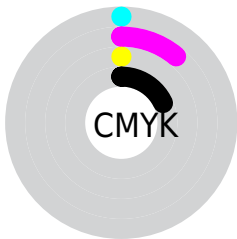
Distribution



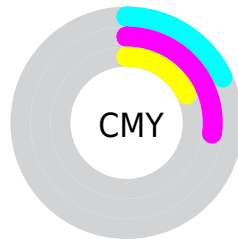
- Red (82%)
- Green (73%)
- Blue (82%)



- Red (82%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6130, 6.0040, 12.3400 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 195.6130, 6.0040, 12.3400 by changing the saturation by 10% instead.

■ 195.6130, 6.0040,
12.3400

■ 195.6130, 6.0040,
12.3400

255.0000, -0.0000,
-0.0000

■ 168.2000, 5.7290,
11.8170

■ 247.3690, 3.5750,
6.7990

■ 141.9010, 5.1330,
11.6050

■ 116.4880, 4.8580,
11.0820

■ 91.3740, 5.1790,
10.7710

■ 67.9610, 4.9040,
10.2480

■ 45.5480, 4.6290,
9.7250

■ 24.8360, 3.7580,

8.9900

■ 2.7920, -2.1100,
5.2020

■ 0.0000, 0.0000,
0.0000

■ 195.6130, 6.0040,
12.3400

■ 195.6130, 6.0040,
12.3400

■ 182.9870, 11.1830,
23.1110

■ 208.2390, 0.8250,
1.5690

■ 170.3610, 16.3620,
33.8820

■ 220.8650, -4.3540,
-9.2020

■ 157.7350, 21.5410,
44.6530

■ 233.4910, -9.5330,
-19.9730

■ 145.4080, 27.3160,
55.6360

■ 237.0130,
-11.1830, -23.1110

132.7820, 32.4950,
66.4070

237.3120,
-10.5870, -22.8990

120.1560, 37.6740,
77.1780

237.6110, -9.9910,
-22.6870

107.5300, 42.8530,
87.9490

237.9100, -9.3950,
-22.4750

94.9040, 48.0320,
98.7200

238.2090, -8.7990,
-22.2630

84.0390, 52.3860,
107.9220

238.5080, -8.2030,
-22.0510

Harmonies

Analogous

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



193.9040, -8.1170, 9.4430



195.6130, 6.0040, 12.3400



195.5450, 17.8790, 11.8870

Triad

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



195.6130, 6.0040, 12.3400



193.1190, 18.4780, -4.4820



187.8870, -27.7830, -8.6070

Complementary

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



195.6130, 6.0040, 12.3400



200.3870, -6.0040, -12.3400

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.



187.9710, -19.3920, -12.0000



195.6130, 6.0040, 12.3400



191.4980, 6.9250, -9.8670

Square

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



195.6130, 6.0040, 12.3400



194.6300, 24.5290, 1.4970



189.5010, -6.3250, -12.0290



189.2770, -28.7010, -2.9810

Rectangle

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



195.6130, 6.0040, 12.3400



195.4160, 22.5560, 9.7240



189.5010, -6.3250, -12.0290



187.6160, -25.5820, -9.9500

Sweetspot

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



195.6130, 6.0040, 12.3400



250.3040, 2.2000, 4.1840



189.3230, -7.9790, 6.9410



124.1790, 1.0540, 2.9260



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.



195.6130, 6.0040, 12.3400



233.5690, 9.3040, 18.6160



194.6580, 10.1310, 9.1310



98.2440, 2.4290, 5.5410



67.2910, 42.0280, 86.3800



16.3350, 10.0830, 21.0190

Inverse Universe

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



193.2900, 13.9830, 5.3990



229.9920, 20.8140, 8.2540



201.3420, -10.1310, -9.1310



97.4030, 6.2350, 2.6430



51.0300, 97.8810, 37.7930



12.4870, 23.7940, 9.3140

Previews

White Background



This preview shows how the YIQ color 195.6130, 6.0040, 12.3400 looks on a white background.

Color Contrast Check

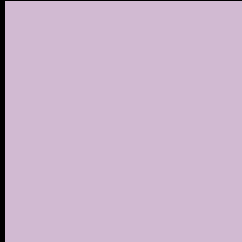
Large Text (above 18pt) WCAG AA × Fail

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 195.6130, 6.0040, 12.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

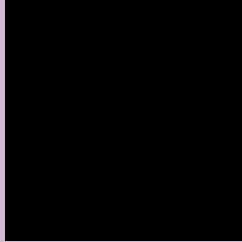
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.6130, 6.0040, 12.3400

Background



This preview shows how black text looks on a background with the YIQ color 195.6130, 6.0040, 12.3400.



This preview shows how white text looks on a background with the YIQ color 195.6130, 6.0040,

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

195.6130, 6.0040, 12.3400

Protanopia

194.2090, -7.6580, 6.6300

Deuteranopia

195.2920, 2.4740, 10.2340



Tritanopia

194.9890, 7.7010, 9.1170

Trichromacy



Original Color

195.6130, 6.0040, 12.3400

Protanomaly

195.0140, -2.6150, 8.8490

Deuteranomaly

195.3030, 3.9410, 11.1810

Tritanomaly

195.3310, 6.7380, 10.0500

Monochromacy



Original Color

195.6130, 6.0040, 12.3400

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6130, 6.0040, 12.3400 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, 186, 210)` looks like.

```
.text, #text, p{  
    color:rgb(209, 186, 210)  
}
```

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, 186, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 186, 210) }
```

Border

The CSS property to change the border of an element to YIQ 195.6130, 6.0040, 12.3400 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, 186, 210) }
```


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

```
.border{ border-color:rgb(209, 186, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 186, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 186, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 186, 210);  
box-shadow:4px 4px 4px 4px rgb(209, 186,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6130, 6.0040, 12.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 186, 210) }
```

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

```
.background{ background-color: rgb(209,  
186, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor