

Converting Colors

YIQ(203.6170, -0.9600,
-15.6480)

Have a look what the booklet for
YIQ(203.6170, -0.9600, -15.6480)
contains.

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Color

**YIQ(203.6170, -0.9600,
-15.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D6B2
RGB	193, 214, 178
RGB Percent	76%, 84%, 70%
CMY	0.2432, 0.1607, 0.3019
CMYK	0.10, 0.00, 0.17, 0.16
HSL	95°, 31%, 77%
HSV	95°, 17%, 84%
XYZ	54.0729, 62.6472, 51.3649
YIQ	203.6170, -0.9600, -15.6480

Conversions

Conversions Part 2

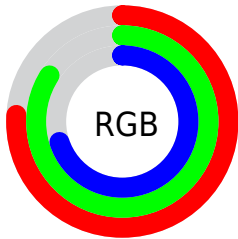
Format	Color
RYB	178, 214, 199
Decimal	12703410
CIELab	83.26, -13.53, 15.44
CIElCh	83, 20.528, 131.222
Yxy	62.6472, 0.3217, 0.3727
Android (android.graphics.Color)	4290893490 (0xFFC1D6B2)
YUV	203.6170, -12.6292, -9.3111
Hunter-Lab	79.1500, -16.5666, 16.9284

Details

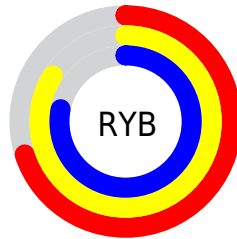
The YIQ color $203.6170, -0.9600, -15.6480$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $188.3830, 0.9600, 15.6480$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.1110, 3.7610, -7.5910$, and $149.1440, -1.0060, -14.8140$ is the 20% darker color. If you saturate the color by 10%, you get $197.3360, -1.9670, -24.9350$, and if you desaturate by 10%, it is $209.5990, -0.5490, -6.5730$.

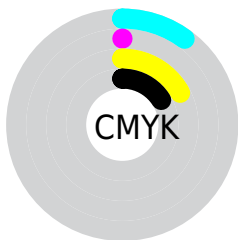
Distribution



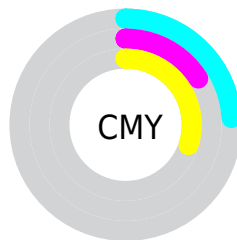
- Red (76%)
- Green (84%)
- Blue (70%)



- Red (70%)
- Yellow (84%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.6170, -0.9600, -15.6480 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 203.6170, -0.9600, -15.6480 by changing the saturation by 10% instead.

 203.6170, -0.9600,
-15.6480

 203.6170, -0.9600,
-15.6480


255.0000, -0.0000,
-0.0000


 176.0300, -0.6850,
-15.1250


 251.1110, 3.7610,
-7.5910

 149.1440, -1.0060,
-14.8140

 123.5570, -0.7310,
-14.2910

 98.6710, -1.0520,
-13.9800

 74.7850, -1.3730,
-13.6690

 51.7250, -1.1440,
-12.3120

 29.9100, -0.2270,

-12.4110

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 203.6170, -0.9600,
-15.6480

■ 203.6170, -0.9600,
-15.6480

■ 197.3360, -1.9670,
-24.9350

■ 209.5990, -0.5490,
-6.5730

■ 191.2400, -2.0570,
-34.3210

■ 215.9940, 0.1370,
3.0250

■ 184.9590, -3.0640,
-43.6080

■ 221.9760, 0.5480,
12.1000

■ 178.8630, -3.1540,
-52.9940

■ 227.3450, 4.1230,
18.8990

■ 172.5820, -4.1610,
-62.2810

■ 230.9330, 11.2750,
21.4430

■ 166.6000, -4.5720,
-71.3560

■ 160.2050, -5.2580,
-80.9540

■ 154.2230, -5.6690,
-90.0290

■ 152.2290, -5.8060,
-93.0540

Harmonies

Analogous

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



205.7610, 16.3700, -10.3340



203.6170, -0.9600, -15.6480



201.5100, -19.7120, -17.2160

Triad

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



203.6170, -0.9600, -15.6480



203.8620, -34.6620, 0.4260



210.9440, 29.9370, 13.6250

Complementary

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



203.6170, -0.9600, -15.6480



188.3830, 0.9600, 15.6480

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.



211.0060, 18.1990, 17.1030



203.6170, -0.9600, -15.6480



207.7440, -19.3500, 9.2740

Square

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



203.6170, -0.9600, -15.6480



200.7700, -40.5750, -8.0550



210.1980, 0.0430, 15.7470



210.0550, 33.6980, 6.0340

Rectangle

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



203.6170, -0.9600, -15.6480



200.7030, -30.4410, -15.5050



210.1980, 0.0430, 15.7470



211.0300, 26.8190, 15.0670

Sweetspot

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



203.6170, -0.9600, -15.6480



251.4250, 0.0010, -5.5270



201.0910, 15.6810, -3.3510



125.5930, -0.4120, -3.5480



0.0000, 0.0000, 0.0000



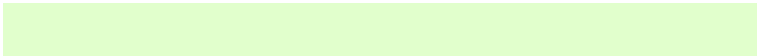
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



203.6170, -0.9600, -15.6480



240.2160, -1.5090, -22.2210



199.4740, -10.8630, -17.8950



103.9520, -0.0450, -4.6930



121.6060, -4.7090, -74.3810



30.6230, -1.0970, -18.6730

Inverse Universe

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



188.3830, 0.9600, 15.6480



218.7840, 1.5090, 22.2210



192.5260, 10.8630, 17.8950



99.3470, 0.6410, 4.9050



49.3940, 4.7090, 74.3810



12.3770, 1.0970, 18.6730

Previews

White Background



This preview shows how the YIQ color 203.6170, -0.9600, -15.6480 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 203.6170, -0.9600, -15.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

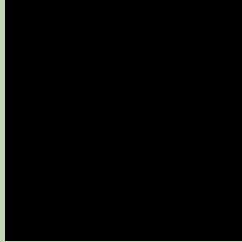
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.6170, -0.9600, -15.6480

Background



This preview shows how black text looks on a background with the YIQ color 203.6170, -0.9600, -15.6480.



This preview shows how white text looks on a background with the YIQ color 203.6170, -0.9600,

-15.6480.

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

203.6170, -0.9600, -15.6480

Protanopia

206.5270, 17.1490, -7.9310

Deuteranopia

208.0110, 27.8300, 2.2460



Tritanopia

207.4320, -9.9040, 3.2800

Trichromacy



Original Color

203.6170, -0.9600, -15.6480

Protanomaly

205.7110, 10.6390, -11.0970

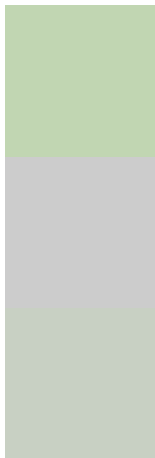
Deuteranomaly

206.0480, 17.2400, -4.0720

Tritanomaly

205.7710, -6.7850, -3.6890

Monochromacy



Original Color

203.6170, -0.9600, -15.6480

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.1260, -0.5950, -5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.6170, -0.9600, -15.6480 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(193, 214, 178)` looks like.

```
.text, #text, p{  
    color:rgb(193, 214, 178)  
}
```

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(193, 214, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 214, 178) }
```

Border

The CSS property to change the border of an element to YIQ 203.6170, -0.9600, -15.6480 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(193, 214, 178) }
```


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

```
.border{ border-color:rgb(193, 214, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 214, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 214, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 214, 178);  
box-shadow:4px 4px 4px 4px rgb(193, 214,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 203.6170, -0.9600, -15.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 214, 178) }
```

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

```
.background{ background-color: rgb(193,  
214, 178) }
```

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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