

Converting Colors

YIQ(190.9170, -10.1320,
-3.6040)

Have a look what the booklet for
YIQ(190.9170, -10.1320, -3.6040)
contains.

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Color

**YIQ(190.9170, -10.1320,
-3.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C4C4
RGB	179, 196, 196
RGB Percent	70%, 77%, 77%
CMY	0.2981, 0.2313, 0.2314
CMYK	0.09, 0.00, 0.00, 0.23
HSL	180°, 13%, 74%
HSV	180°, 9%, 77%
XYZ	48.2922, 53.0506, 59.9130
YIQ	190.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

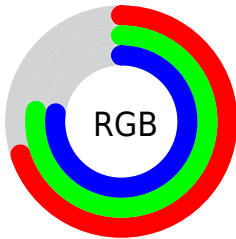
Format	Color
RYB	179, 188, 196
Decimal	11781316
CIELab	77.90, -5.78, -1.98
CIElCh	78, 6.115, 198.935
Yxy	53.0506, 0.2995, 0.3290
Android (android.graphics.Color)	4289971396 (0xFFB3C4C4)
YUV	190.9170, 2.5059, -10.4512
Hunter-Lab	72.8359, -9.1123, 2.2146

Details

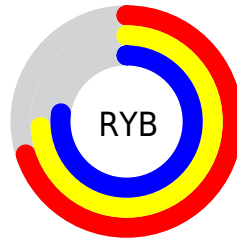
The YIQ color $190.9170, -10.1320, -3.6040$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $184.0830, 10.1320, 3.6040$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.6180, -10.7280, -3.8160$, and $137.2160, -9.5360, -3.3920$ is the 20% darker color. If you saturate the color by 10%, you get $184.9370, -22.0520, -7.8440$, and if you desaturate by 10%, it is $196.8970, 1.7880, 0.6360$.

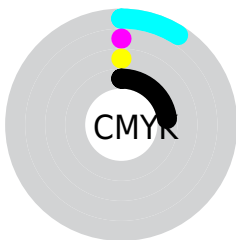
Distribution



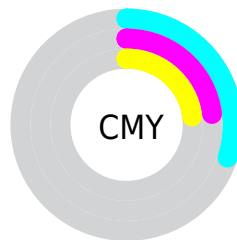
- Red (70%)
- Green (77%)
- Blue (77%)



- Red (70%)
- Yellow (74%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.9170, -10.1320, -3.6040 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 190.9170, -10.1320, -3.6040 by changing the saturation by 10% instead.

■ 190.9170,
-10.1320, -3.6040

■ 190.9170,
-10.1320, -3.6040

255.0000, -0.0000,
-0.0000

■ 163.9170,
-10.1320, -3.6040

■ 247.6180,
-10.7280, -3.8160

■ 137.2160, -9.5360,
-3.3920

■ 112.2160, -9.5360,
-3.3920

■ 87.5150, -8.9400,
-3.1800

■ 64.5150, -8.9400,
-3.1800

■ 41.8140, -8.3440,
-2.9680

■ 21.5150, -8.9400,

-3.1800

■ 0.0000, 0.0000,
0.0000

■ 190.9170,
-10.1320, -3.6040

■ 190.9170,
-10.1320, -3.6040

■ 184.9370,
-22.0520, -7.8440

■ 196.8970, 1.7880,
0.6360

■ 179.2560,
-33.3760, -11.8720

■ 202.5780, 13.1120,
4.6640

■ 173.2760,
-45.2960, -16.1120

■ 208.5580, 25.0320,
8.9040

■ 167.5950,
-56.6200, -20.1400

■ 213.6410, 35.1640,
12.5080

■ 161.6150,
-68.5400, -24.3800

■ 155.6350,
-80.4600, -28.6200

■ 149.9540,
-91.7840, -32.6480

■ 143.9740,
-103.7040, -36.8880

■ 138.2930,
-115.0280, -40.9160

Harmonies

Analogous

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



191.1300, -6.4180, -4.8340



190.9170, -10.1320, -3.6040



191.1990, -10.8660, -1.3140

Triad

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



190.9170, -10.1320, -3.6040



193.5320, 1.5580, 4.8060



192.6650, 8.2530, -0.8910

Complementary

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



190.9170, -10.1320, -3.6040



184.0830, 10.1320, 3.6040

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.



193.5020, 10.2700, 1.1020



190.9170, -10.1320, -3.6040



193.8700, 6.4180, 4.8340

Square

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



190.9170, -10.1320, -3.6040



192.9550, -4.1270, 3.2090



193.7840, 9.5360, 3.3920



191.7460, 3.5310, -3.4210

Rectangle

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



190.9170, -10.1320, -3.6040



191.7370, -9.4450, 0.4670



193.7840, 9.5360, 3.3920



192.9640, 8.8490, -0.6790

Sweetspot

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



190.9170, -10.1320, -3.6040



252.6080, -4.7680, -1.6960



188.9790, -4.6750, -8.8910



126.0920, -3.2550, -1.5830



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.



190.9170, -10.1320, -3.6040



247.5250, -14.9000, -5.3000



186.2210, -7.9320, 0.5800



94.0100, -5.9600, -2.1200



112.7470, -95.6350, -34.4430



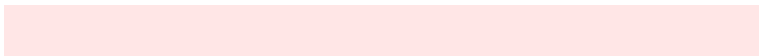
23.1330, -19.6680, -6.9960

Inverse Universe

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



184.0830, 10.1320, 3.6040



237.4750, 14.9000, 5.3000



188.7790, 7.9320, -0.5800



89.9900, 5.9600, 2.1200



48.1390, 95.9560, 34.1320



9.8670, 19.6680, 6.9960

Previews

White Background



This preview shows how the YIQ color 190.9170, -10.1320, -3.6040 looks on a white background.

Color Contrast Check

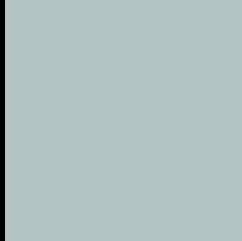
Large Text (above 18pt) WCAG AA × Fail

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 190.9170, -10.1320, -3.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

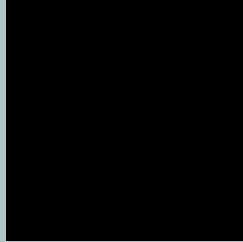
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

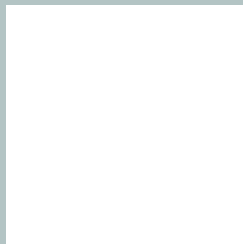
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 190.9170, -10.1320, -3.6040

Background



This preview shows how black text looks on a background with the YIQ color 190.9170, -10.1320, -3.6040.



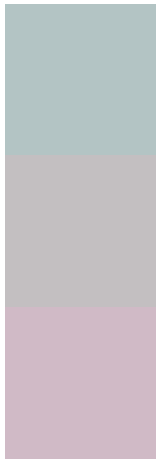
This preview shows how white text looks on a background with the YIQ color 190.9170, -10.1320, -3.6040.

-3.6040.

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

190.9170, -10.1320, -3.6040

Protanopia

192.4240, 1.7420, 1.4700

Deuteranopia

193.9460, 9.2600, 8.3960



Tritanopia

191.8230, -12.5630, 1.9090

Trichromacy



Original Color

190.9170, -10.1320, -3.6040

Protanomaly

191.9180, -2.7050, -0.5370

Deuteranomaly

192.8910, 1.9250, 3.6610

Tritanomaly

191.5410, -11.8290, -0.3810

Monochromacy



Original Color

190.9170, -10.1320, -3.6040

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.2060, -3.5760, -1.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.9170, -10.1320, -3.6040 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(179, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 196)  
}
```

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(179, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 196) }
```

Border

The CSS property to change the border of an element to YIQ 190.9170, -10.1320, -3.6040 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(179, 196, 196) }
```


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

```
.border{ border-color:rgb(179, 196, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(179, 196,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 190.9170, -10.1320, -3.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 196, 196) }
```

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

```
.background{ background-color: rgb(179,  
196, 196) }
```

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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