

Converting Colors

YIQ(193.6910, -20.9990, 0.6090)

Have a look what the booklet for
YIQ(193.6910, -20.9990, 0.6090)
contains.

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Color

**YIQ(193.6910, -20.9990,
0.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC7DA
RGB	174, 199, 218
RGB Percent	68%, 78%, 85%
CMY	0.3177, 0.2196, 0.1452
CMYK	0.20, 0.09, 0.00, 0.15
HSL	206°, 37%, 77%
HSV	206°, 20%, 85%
XYZ	50.5303, 54.9096, 74.2479
YIQ	193.6910, -20.9990, 0.6090

Conversions

Conversions Part 2

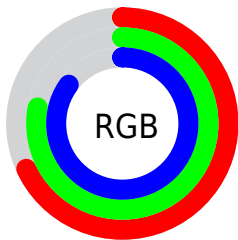
Format	Color
RYB	174, 190, 218
Decimal	11454426
CIELab	78.99, -4.39, -12.26
CIELCh	79, 13.024, 250.316
Yxy	54.9096, 0.2812, 0.3056
Android (android.graphics.Color)	4289644506 (0xFFAEC7DA)
YUV	193.6910, 11.9843, -17.2690
Hunter-Lab	74.1010, -7.9557, -7.5368

Details

The YIQ color $193.6910, -20.9990, 0.6090$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.3090, 20.9990, -0.6090$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5250, -14.9000, -5.3000$, and $139.8760, -20.0820, 0.5100$ is the 20% darker color. If you saturate the color by 10%, you get $181.8300, -31.6360, 0.6520$, and if you desaturate by 10%, it is $205.5520, -10.3620, 0.5660$.

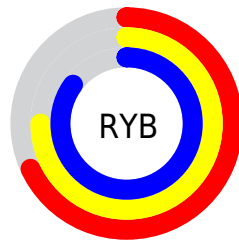
Distribution



Red (68%)

Green (78%)

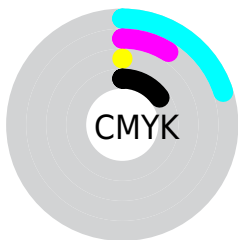
Blue (85%)



Red (68%)

Yellow (75%)

Blue (85%)

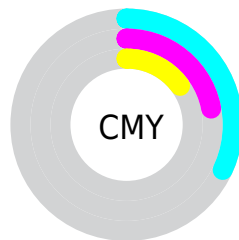


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.6910, -20.9990, 0.6090 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 193.6910, -20.9990, 0.6090 by changing the saturation by 10% instead.

■ 193.6910,
-20.9990, 0.6090

■ 193.6910,
-20.9990, 0.6090

■ 255.0000, -0.0000,
-0.0000

■ 166.5770,
-20.6780, 0.2980

■ 247.5250,
-14.9000, -5.3000

■ 139.8760,
-20.0820, 0.5100

■ 114.7620,
-19.7610, 0.1990

■ 89.6480, -19.4400,
-0.1120

■ 65.6480, -19.4400,
-0.1120

■ 43.2350, -19.7150,
-0.6350

■ 21.5230, -20.5860,

-1.3700

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 193.6910,
-20.9990, 0.6090

■ 193.6910,
-20.9990, 0.6090

■ 181.8300,
-31.6360, 0.6520

■ 205.5520,
-10.3620, 0.5660

■ 169.3820,
-41.9980, 1.2180

■ 218.0000, -0.0000,
0.0000

■ 157.8200,
-52.0390, 1.4730

■ 229.5620, 10.0410,
-0.2550

■ 145.3720,
-62.4010, 2.0390

■ 240.2160, 16.8270,
-2.0930

■ 133.5110,
-73.0380, 2.0820

■ 245.4990, 14.3520,
-6.8000

■ 121.6500,
-83.6750, 2.1250

■ 250.7820, 11.8770,
-11.5070

■ 109.2020,
-94.0370, 2.6910

■ 97.6400,
-104.0780, 2.9460

Harmonies

Analogous

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



192.2620, -24.3450, -4.8330



193.6910, -20.9990, 0.6090



195.6430, -11.8760, 5.9800

Triad

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



193.6910, -20.9990, 0.6090



197.7360, 18.6590, 8.7630



193.4910, -0.3650, -9.9090

Complementary

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



193.6910, -20.9990, 0.6090



198.3090, 20.9990, -0.6090

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.



194.7590, 10.6840, -6.4040



193.6910, -20.9990, 0.6090



197.2430, 21.3650, 3.7730

Square

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



193.6910, -20.9990, 0.6090



197.8970, 10.9560, 10.7000



196.1130, 18.6150, -1.4570



191.9180, -11.8730, -10.6010

Rectangle

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



193.6910, -20.9990, 0.6090



196.5300, -4.1280, 8.7360



196.1130, 18.6150, -1.4570



194.1710, 3.5320, -8.9480

Sweetspot

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



193.6910, -20.9990, 0.6090



246.4060, -7.0150, 0.4810



201.8800, -17.8780, -17.4140



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



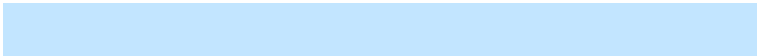
128.0000, -0.0000, -0.0000

Same Dimension

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



193.6910, -20.9990, 0.6090



221.4990, -29.2060, 0.6660



181.3640, -15.2240, 11.5920



103.7760, -5.1810, 0.2830



77.8350, -82.7580, 2.0260



20.5060, -21.9160, 0.7080

Inverse Universe

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



190.0060, 18.1990, 17.1030



216.2290, 25.1210, 23.8170



210.6360, 15.2240, -11.5920



102.9730, 4.6300, 4.1980



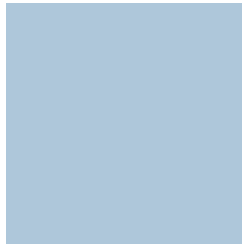
63.0130, 71.3290, 67.4650



16.7180, 19.0700, 17.8380

Previews

White Background



This preview shows how the YIQ color 193.6910, -20.9990, 0.6090 looks on a white background.

Color Contrast Check

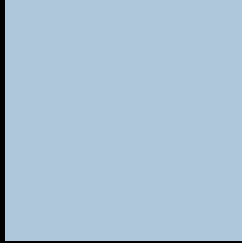
Large Text (above 18pt) WCAG AA × Fail

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 193.6910, -20.9990, 0.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

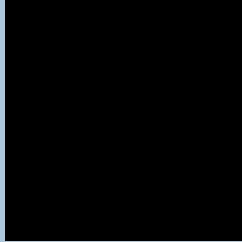
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

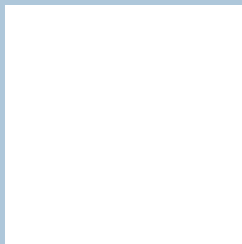
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 193.6910, -20.9990, 0.6090

Background



This preview shows how black text looks on a background with the YIQ color 193.6910, -20.9990, 0.6090.



This preview shows how white text looks on a background with the YIQ color 193.6910, -20.9990,

0.6090.

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

193.6910, -20.9990, 0.6090

Protanopia

196.0950, -7.3370, 6.3190

Deuteranopia

197.3070, -1.8820, 12.0860



Tritanopia

193.0500, -20.6320, -0.5360

Trichromacy



Original Color

193.6910, -20.9990, 0.6090

Protanomaly

195.2900, -12.3800, 4.1000

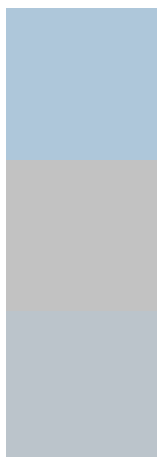
Deuteranomaly

195.6650, -8.9420, 7.8740

Tritanomaly

193.1640, -20.9530, -0.2250

Monochromacy



Original Color

193.6910, -20.9990, 0.6090

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.1070, -7.6110, 0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.6910, -20.9990, 0.6090 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(174, 199, 218)` looks like.

```
.text, #text, p{  
    color:rgb(174, 199, 218)  
}
```

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(174, 199, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 199, 218) }
```

Border

The CSS property to change the border of an element to YIQ 193.6910, -20.9990, 0.6090 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(174, 199, 218) }
```


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

```
.border{ border-color:rgb(174, 199, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 199, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 199, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 199, 218);  
box-shadow:4px 4px 4px 4px rgb(174, 199,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 193.6910, -20.9990, 0.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 199, 218) }
```

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

```
.background{ background-color: rgb(174,  
199, 218) }
```

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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