

Converting Colors

YIQ(196.8090, -17.9750,
11.8890)

Have a look what the booklet for
YIQ(196.8090, -17.9750, 11.8890)
contains.

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Color

**YIQ(196.8090, -17.9750,
11.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC2ED
RGB	187, 194, 237
RGB Percent	73%, 76%, 93%
CMY	0.2666, 0.2392, 0.0707
CMYK	0.21, 0.18, 0.00, 0.07
HSL	232°, 58%, 83%
HSV	232°, 21%, 93%
XYZ	55.0688, 55.2629, 87.8647
YIQ	196.8090, -17.9750, 11.8890

Conversions

Conversions Part 2

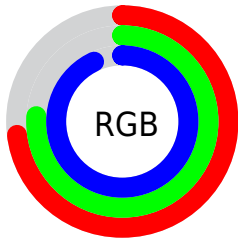
Format	Color
RYB	187, 193, 237
Decimal	12305133
CIELab	79.19, 6.52, -22.08
CIELCh	79, 23.018, 286.449
Yxy	55.2629, 0.2778, 0.2788
Android (android.graphics.Color)	4290495213 (0xFFBBC2ED)
YUV	196.8090, 19.8142, -8.6025
Hunter-Lab	74.3390, 2.1357, -18.0402

Details

The YIQ color **196.8090, -17.9750, 11.8890** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **227.1910, 17.9750, -11.8890**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **248.7760, -5.1810, 0.2830**, and **143.1680, -17.6080, 10.7440** is the 20% darker color. If you saturate the color by 10%, you get **177.8930, -26.7790, 17.2610**, and if you desaturate by 10%, it is **215.7250, -9.1710, 6.5170**.

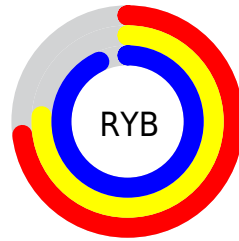
Distribution



Red (73%)

Green (76%)

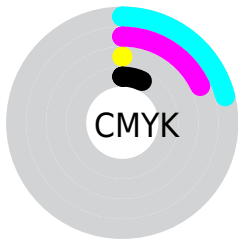
Blue (93%)



Red (73%)

Yellow (76%)

Blue (93%)

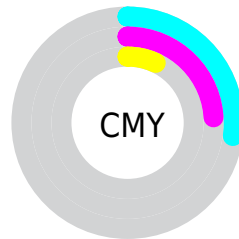


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.8090, -17.9750, 11.8890 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 196.8090, -17.9750, 11.8890 by changing the saturation by 10% instead.

■ 196.8090,
-17.9750, 11.8890

■ 196.8090,
-17.9750, 11.8890

■ 255.0000, -0.0000,
-0.0000

■ 169.6950,
-17.6540, 11.5780

■ 248.7760, -5.1810,
0.2830

■ 143.1680,
-17.6080, 10.7440

■ 117.0540,
-17.2870, 10.4330

■ 92.5270, -17.2410,
9.5990

■ 68.4130, -16.9200,
9.2880

■ 45.5870, -17.4700,
8.2420

■ 23.7500, -19.4870,

6.2490

■ 3.8760, -10.9140,
10.5740

■ 0.9120, -2.5680,
2.4880

■ 196.8090,
-17.9750, 11.8890

■ 196.8090,
-17.9750, 11.8890

■ 177.8930,
-26.7790, 17.2610

■ 215.7250, -9.1710,
6.5170

■ 158.6890,
-34.7120, 23.3680

■ 234.9290, -1.2380,
0.4100

■ 139.7730,
-43.5160, 28.7400

■ 252.9480, 5.7780,
-5.5980

■ 120.2700,
-52.0450, 34.6350

■ 101.6530,
-60.2530, 40.2190

■ 82.7370, -69.0570,
45.5910

■ 63.2340, -77.5860,
51.4860

■ 46.3890, -85.1520,
56.4480

Harmonies

Analogous

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



192.5460, -36.5880, 2.2920



196.8090, -17.9750, 11.8890



199.5190, 3.5730, 17.8530

Triad

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



196.8090, -17.9750, 11.8890



198.0830, 36.4950, 4.9030



188.9330, -25.3970, -18.8130

Complementary

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



196.8090, -17.9750, 11.8890



227.1910, 17.9750, -11.8890

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.



191.2960, -4.4900, -17.7540



196.8090, -17.9750, 11.8890



196.1650, 30.0320, -4.6240

Square

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



196.8090, -17.9750, 11.8890



199.3960, 34.4760, 13.9640



193.6960, 14.9950, -12.9490



186.9560, -41.3990, -15.1510

Rectangle

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



196.8090, -17.9750, 11.8890



199.9890, 16.8690, 19.1810



193.6960, 14.9950, -12.9490



189.6410, -18.7030, -18.9830

Sweetspot

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



196.8090, -17.9750, 11.8890



242.8840, -5.3650, 3.6190



221.1380, -27.2320, -13.0880



120.6130, -3.1640, 2.2760



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.



196.8090, -17.9750, 11.8890



203.5790, -23.0190, 15.1970



197.7830, -5.9180, 19.1540



107.8410, -3.8060, 2.8980



35.3090, -64.9760, 43.2160



10.8520, -19.5340, 12.6100

Inverse Universe

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



202.7480, 27.5530, 12.7770



211.1620, 35.2550, 16.3670



225.9180, 5.3220, -19.3660



109.4030, 6.2350, 2.6430



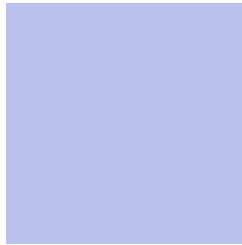
56.9690, 99.8510, 46.1470



17.0580, 29.6160, 13.9360

Previews

White Background



This preview shows how the YIQ color 196.8090, -17.9750, 11.8890 looks on a white background.

Color Contrast Check

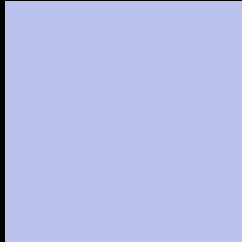
Large Text (above 18pt) WCAG AA × Fail

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 196.8090, -17.9750, 11.8890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

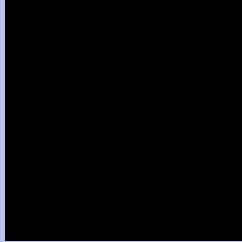
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.8090, -17.9750, 11.8890

Background



This preview shows how black text looks on a background with the YIQ color 196.8090, -17.9750, 11.8890.



This preview shows how white text looks on a background with the YIQ color 196.8090, -17.9750, 11.8890.

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

196.8090, -17.9750, 11.8890

Protanopia

196.8090, -17.9750, 11.8890

Deuteranopia

197.7280, -13.2530, 14.4190



Tritanopia

195.3390, -14.0760, 1.7960

Trichromacy



Original Color

196.8090, -17.9750, 11.8890

Protanomaly

196.8090, -17.9750, 11.8890

Deuteranomaly

197.4180, -15.3160, 13.2600

Tritanomaly

195.9630, -15.7730, 5.0190

Monochromacy



Original Color

196.8090, -17.9750, 11.8890

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9270, -6.9240, 4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.8090, -17.9750, 11.8890 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(187, 194, 237)` looks like.

```
.text, #text, p{  
    color:rgb(187, 194, 237)  
}
```

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(187, 194, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 194, 237) }
```

Border

The CSS property to change the border of an element to YIQ 196.8090, -17.9750, 11.8890 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(187, 194, 237) }
```


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

```
.border{ border-color:rgb(187, 194, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 194, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 194, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 194, 237);  
box-shadow:4px 4px 4px 4px rgb(187, 194,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 196.8090, -17.9750, 11.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 194, 237) }
```

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

```
.background{ background-color: rgb(187,  
194, 237) }
```

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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