

Converting Colors

YIQ(187.8090, -17.9750,
11.8890)

Have a look what the booklet for
YIQ(187.8090, -17.9750, 11.8890)
contains.

YIQ(187.8090, -17.9750, 11.8890)	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(187.8090, -17.9750,
11.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B9E4
RGB	178, 185, 228
RGB Percent	70%, 73%, 89%
CMY	0.3019, 0.2745, 0.1060
CMYK	0.22, 0.19, 0.00, 0.11
HSL	232°, 48%, 80%
HSV	232°, 22%, 89%
XYZ	49.7102, 49.7644, 80.3649
YIQ	187.8090, -17.9750, 11.8890

Conversions

Conversions Part 2

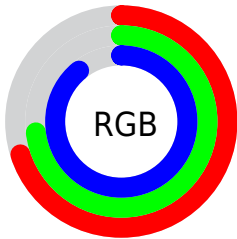
Format	Color
RYB	178, 184, 228
Decimal	11712996
CIELab	75.92, 6.62, -22.25
CIELCh	76, 23.218, 286.566
Yxy	49.7644, 0.2764, 0.2767
Android (android.graphics.Color)	4289903076 (0xFFB2B9E4)
YUV	187.8090, 19.8142, -8.6025
Hunter-Lab	70.5439, 2.3317, -18.1635

Details

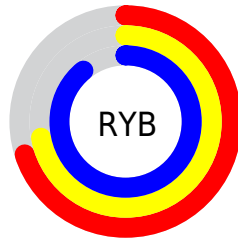
The YIQ color $187.8090, -17.9750, 11.8890$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $218.1910, 17.9750, -11.8890$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.5030, -8.6660, 2.8700$, and $134.4670, -17.0120, 10.9560$ is the 20% darker color. If you saturate the color by 10%, you get $169.1920, -26.1830, 17.4730$, and if you desaturate by 10%, it is $206.4260, -9.7670, 6.3050$.

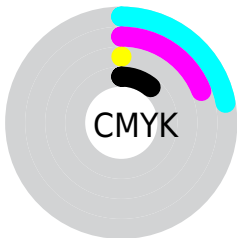
Distribution



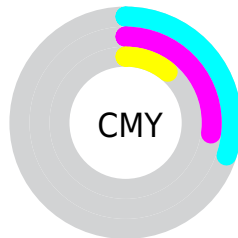
- Red (70%)
- Green (73%)
- Blue (89%)



- Red (70%)
- Yellow (72%)
- Blue (89%)



- Cyan (22%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.8090, -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 187.8090, -17.9750, 11.8890 by changing the saturation by 10% instead.

■ 187.8090,
-17.9750, 11.8890

■ 187.8090,
-17.9750, 11.8890

■ 255.0000, -0.0000,
-0.0000

■ 160.6950,
-17.6540, 11.5780

■ 240.5030, -8.6660,
2.8700

■ 134.4670,
-17.0120, 10.9560

■ 109.0540,
-17.2870, 10.4330

■ 84.5270, -17.2410,
9.5990

■ 61.0000, -17.1950,
8.7650

■ 38.1740, -17.7450,
7.7190

■ 16.7500, -19.4870,

6.2490

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 187.8090,
-17.9750, 11.8890

■ 187.8090,
-17.9750, 11.8890

■ 169.1920,
-26.1830, 17.4730

■ 206.4260, -9.7670,
6.3050

■ 151.1620,
-34.6660, 22.5340

■ 224.4560, -1.2840,
1.2440

■ 132.8440,
-42.2780, 28.3300

■ 242.7740, 6.3280,
-4.5520

■ 114.8140,
-50.7610, 33.3910

■ 251.9220, 8.6670,
-8.3970

■ 96.1970, -58.9690,
38.9750

■ 77.5800, -67.1770,
44.5590

■ 59.5500, -75.6600,
49.6200

■ 44.7760, -81.9880,
54.1720

Harmonies

Analogous

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



183.5460, -36.5880, 2.2920



187.8090, -17.9750, 11.8890



190.5190, 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.



187.8090, -17.9750, 11.8890



189.0830, 36.4950, 4.9030



179.9330, -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.



187.8090, -17.9750, 11.8890



218.1910, 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.



181.9970, -5.0860, -17.9660



187.8090, -17.9750, 11.8890



186.8660, 29.4360, -4.8360

Square

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



187.8090, -17.9750, 11.8890



190.3960, 34.4760, 13.9640



185.2830, 14.7200, -13.4720



178.0700, -41.7200, -14.8400

Rectangle

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



187.8090, -17.9750, 11.8890



190.9890, 16.8690, 19.1810



185.2830, 14.7200, -13.4720



180.6410, -18.7030, -18.9830

Sweetspot

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



187.8090, -17.9750, 11.8890



240.8130, -6.6030, 4.0290



212.1380, -27.2320, -13.0880



119.4280, -4.0810, 2.3750



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.



187.8090, -17.9750, 11.8890



201.8070, -23.6610, 15.8190



188.7830, -5.9180, 19.1540



105.5420, -4.4020, 2.6860



35.0810, -64.3340, 42.5940



9.9230, -18.2960, 12.2000

Inverse Universe

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



193.7480, 27.5530, 12.7770



209.7600, 36.4470, 16.7910



216.9180, 5.3220, -19.3660



106.8160, 6.5100, 3.1660



56.3710, 98.6590, 45.7230



16.0470, 28.1490, 12.9890

Previews

White Background



This preview shows how the YIQ color 187.8090, -17.9750, 11.8890 looks on a white background.

Color Contrast Check

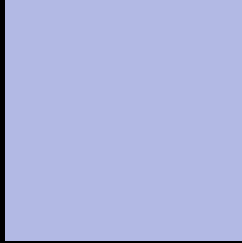
Large Text (above 18pt) WCAG AA × Fail

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 187.8090, -17.9750, 11.8890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

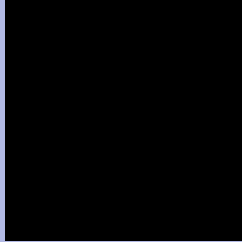
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.8090, -17.9750, 11.8890

Background



This preview shows how black text looks on a background with the YIQ color 187.8090, -17.9750, 11.8890.



This preview shows how white text looks on a background with the YIQ color 187.8090, -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

187.8090, -17.9750, 11.8890

Protanopia

187.5100, -18.5710, 11.6770

Deuteranopia

188.4290, -13.8490, 14.2070



Tritanopia

185.9260, -14.3510, 1.2730

Trichromacy



Original Color

187.8090, -17.9750, 11.8890

Protanomaly

187.5100, -18.5710, 11.6770

Deuteranomaly

188.4180, -15.3160, 13.2600

Tritanomaly

186.9630, -15.7730, 5.0190

Monochromacy



Original Color

187.8090, -17.9750, 11.8890

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9270, -6.9240, 4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8090, -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(178, 185, 228)` looks like.

```
.text, #text, p{  
    color:rgb(178, 185, 228)  
}
```

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(178, 185, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 185, 228) }
```

Border

The CSS property to change the border of an element to YIQ 187.8090, -17.9750, 11.8890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

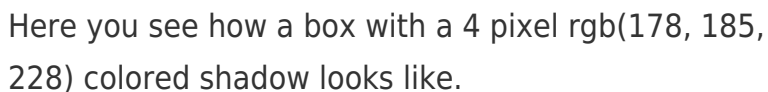
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 185, 228) }
```


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

```
.border{ border-color:rgb(178, 185, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 185, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 185, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 185, 228); box-shadow:4px 4px 4px 4px rgb(178, 185, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8090, -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(178, 185, 228) }
```

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

```
.background{ background-color: rgb(178,  
185, 228) }
```

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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