

Converting Colors

YIQ(193.6750, 2.2930, -3.0110)

Have a look what the booklet for
YIQ(193.6750, 2.2930, -3.0110)
contains.

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Color

**YIQ(193.6750, 2.2930,
-3.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C3BA
RGB	194, 195, 186
RGB Percent	76%, 76%, 73%
CMY	0.2392, 0.2353, 0.2706
CMYK	0.01, 0.00, 0.05, 0.24
HSL	67°, 7%, 75%
HSV	67°, 5%, 76%
XYZ	50.6262, 54.0448, 54.2201
YIQ	193.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

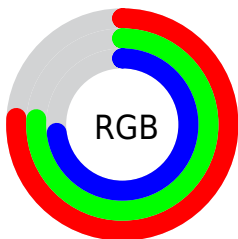
Format	Color
R_{YB}	186, 195, 187
Decimal	12764090
CIE _{Lab}	78.49, -1.97, 4.39
CIE _{LCh}	78, 4.808, 114.190
Yxy	54.0448, 0.3186, 0.3401
Android (android.graphics.Color)	4290954170 (0xFFC2C3BA)
YUV	193.6750, -3.7838, 0.2850
Hunter-Lab	73.5152, -5.7276, 7.7321

Details

The YIQ color $193.6750, 2.2930, -3.0110$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $187.3250, -2.2930, 3.0110$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2620, 2.0180, -3.5340$, and $139.7890, 1.9720, -2.7000$ is the 20% darker color. If you saturate the color by 10%, you get $190.9110, 7.2000, -9.3440$, and if you desaturate by 10%, it is $196.5530, -2.9350, 3.6330$.

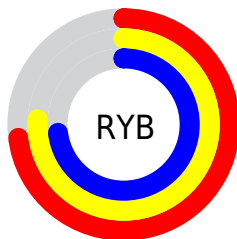
Distribution



Red (76%)

Green (76%)

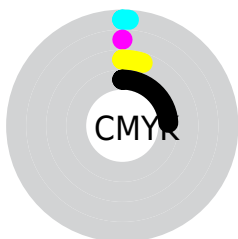
Blue (73%)



Red (73%)

Yellow (76%)

Blue (73%)

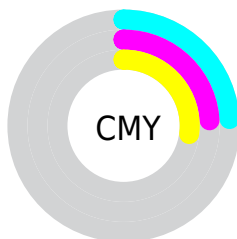


Cyan (1%)

Magenta (0%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.6750, 2.2930, -3.0110 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 193.6750, 2.2930, -3.0110 by changing the saturation by 10% instead.

■ 193.6750, 2.2930,
-3.0110

■ 193.6750, 2.2930,
-3.0110

255.0000, -0.0000,
-0.0000

■ 166.6750, 2.2930,
-3.0110

■ 250.2620, 2.0180,
-3.5340

■ 139.7890, 1.9720,
-2.7000

■ 114.7890, 1.9720,
-2.7000

■ 89.7890, 1.9720,
-2.7000

■ 66.7890, 1.9720,
-2.7000

■ 44.9030, 1.6510,
-2.3890

■ 23.9030, 1.6510,

-2.3890

■ 0.0000, 0.0000,
0.0000

■ 193.6750, 2.2930,
-3.0110

■ 193.6750, 2.2930,
-3.0110

■ 190.9110, 7.2000,
-9.3440

■ 196.5530, -2.9350,
3.6330

■ 188.0330, 12.4280,
-15.9880

■ 199.3170, -7.8420,
9.9660

■ 184.9700, 16.7390,
-22.5330

■ 202.4940,
-12.4740, 16.8220

■ 182.0920, 21.9670,
-29.1770

■ 204.2320,
-14.4920, 20.3560

■ 179.3280, 26.8740,
-35.5100

■ 204.8300,
-13.3000, 20.7800

■ 176.4500, 32.1020,
-42.1540

■ 205.4280,
-12.1080, 21.2040

■ 173.6860, 37.0090,
-48.4870

■ 206.0260,
-10.9160, 21.6280

■ 170.8080, 42.2370,
-55.1310

■ 206.6240, -9.7240,
22.0520

■ 167.7450, 46.5480,
-61.6760

■ 207.5210, -7.9360,
22.6880

Harmonies

Analogous

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



194.4690, 5.8690, -1.7390



193.6750, 2.2930, -3.0110



193.1090, -1.9250, -3.6610

Triad

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



193.6750, 2.2930, -3.0110



193.2810, -8.1610, -0.7770



195.0440, 5.8680, 3.7880

Complementary

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



193.6750, 2.2930, -3.0110



187.3250, -2.2930, 3.0110

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.



194.8910, 1.9250, 3.6610



193.6750, 2.2930, -3.0110



194.1180, -6.1440, 1.2160

Square

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



193.6750, 2.2930, -3.0110



193.2270, -8.0690, -2.4450



194.3250, -2.2930, 3.0110



194.8870, 7.7480, 2.7560

Rectangle

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



193.6750, 2.2930, -3.0110



193.1410, -4.9510, -3.8870



194.3250, -2.2930, 3.0110



194.9730, 4.6300, 4.1980

Sweetspot

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



193.6750, 2.2930, -3.0110



251.7720, 0.6420, -0.6220



189.2780, 5.0890, 1.3850



127.4730, 0.0460, -0.8340



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.



193.6750, 2.2930, -3.0110



249.9910, 4.2190, -4.8770



192.4790, -0.0910, -3.8590



95.9030, 1.6510, -2.3890



137.2640, 40.9530, -53.8870



28.0420, 8.2090, -11.1110

Inverse Universe

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



187.3250, -2.2930, 3.0110



239.3080, -3.6230, 5.0890



188.5210, 0.0910, 3.8590



91.0970, -1.6510, 2.3890



23.7360, -40.9530, 53.8870



4.9580, -8.2090, 11.1110

Previews

White Background



This preview shows how the YIQ color 193.6750, 2.2930, -3.0110 looks on a white background.

Color Contrast Check

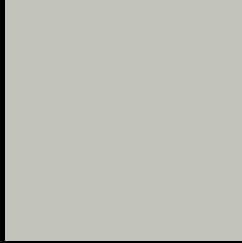
Large Text (above 18pt) WCAG AA × Fail

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 193.6750, 2.2930, -3.0110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

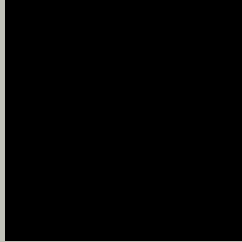
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

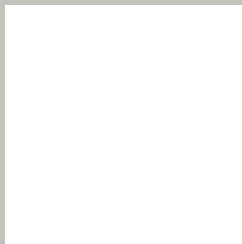
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 193.6750, 2.2930, -3.0110

Background



This preview shows how black text looks on a background with the YIQ color 193.6750, 2.2930, -3.0110.



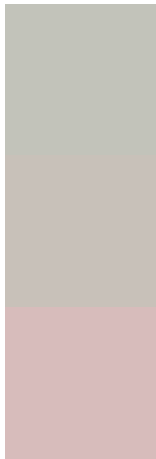
This preview shows how white text looks on a background with the YIQ color 193.6750, 2.2930,

-3.0110.

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

193.6750, 2.2930, -3.0110

Protanopia

194.1810, 6.7400, -1.0040

Deuteranopia

195.9590, 16.4130, 5.4130



Tritanopia

195.2050, -1.8350, 5.7250

Trichromacy



Original Color

193.6750, 2.2930, -3.0110

Protanomaly

194.1700, 5.2730, -1.9510

Deuteranomaly

195.3280, 10.8200, 2.1480

Tritanomaly

194.5810, -0.1380, 2.5020

Monochromacy



Original Color

193.6750, 2.2930, -3.0110

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.6580, 0.9630, -0.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.6750, 2.2930, -3.0110 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(194, 195, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 186)  
}
```

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(194, 195, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 186) }
```

Border

The CSS property to change the border of an element to YIQ 193.6750, 2.2930, -3.0110 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(194, 195, 186) }
```


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

```
.border{ border-color:rgb(194, 195, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 195, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 186);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 193.6750, 2.2930, -3.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 186) }
```

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

```
.background{ background-color: rgb(194,  
195, 186) }
```

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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