

Converting Colors

YIQ(189.5720, 4.0810, -2.3750)

Have a look what the booklet for
YIQ(189.5720, 4.0810, -2.3750)
contains.

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Color

**YIQ(189.5720, 4.0810,
-2.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BEB5
RGB	192, 190, 181
RGB Percent	75%, 75%, 71%
CMY	0.2471, 0.2549, 0.2902
CMYK	0.00, 0.01, 0.06, 0.25
HSL	49°, 8%, 73%
HSV	49°, 6%, 75%
XYZ	48.4925, 51.3694, 51.0787
YIQ	189.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

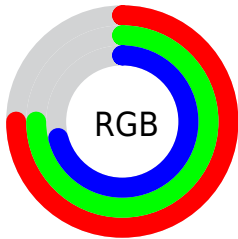
Format	Color
RYB	183, 192, 181
Decimal	12631733
CIELab	76.90, -0.91, 4.77
CIELCh	77, 4.860, 100.805
Yxy	51.3694, 0.3213, 0.3403
Android (android.graphics.Color)	4290821813 (0xFFC0BEB5)
YUV	189.5720, -4.2260, 2.1294
Hunter-Lab	71.6725, -4.6563, 7.9166

Details

The YIQ color $189.5720, 4.0810, -2.3750$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $183.4280, -4.0810, 2.3750$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.5720, 4.0810, -2.3750$, and $136.5720, 4.0810, -2.3750$ is the 20% darker color. If you saturate the color by 10%, you get $185.6450, 11.0050, -6.7150$, and if you desaturate by 10%, it is $193.4990, -2.8430, 1.9650$.

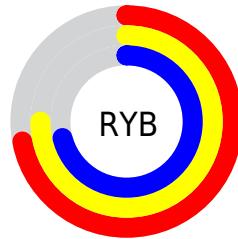
Distribution



Red (75%)

Green (75%)

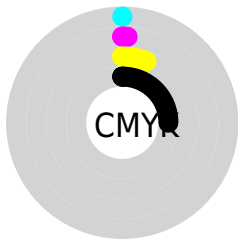
Blue (71%)



Red (72%)

Yellow (75%)

Blue (71%)

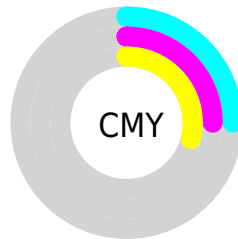


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.5720, 4.0810, -2.3750 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 189.5720, 4.0810, -2.3750 by changing the saturation by 10% instead.

■ 189.5720, 4.0810,
-2.3750

■ 189.5720, 4.0810,
-2.3750

255.0000, -0.0000,
-0.0000

■ 162.5720, 4.0810,
-2.3750

■ 245.5720, 4.0810,
-2.3750

■ 136.5720, 4.0810,
-2.3750

■ 110.6860, 3.7600,
-2.0640

■ 86.6860, 3.7600,
-2.0640

■ 63.3870, 3.1640,
-2.2760

■ 41.5010, 2.8430,
-1.9650

■ 20.6860, 3.7600,

-2.0640

■ 0.0000, 0.0000,
0.0000

■ 189.5720, 4.0810,
-2.3750

■ 189.5720, 4.0810,
-2.3750

■ 185.6450, 11.0050,
-6.7150

■ 193.4990, -2.8430,
1.9650

■ 181.1310, 18.2040,
-10.5320

■ 198.0130,
-10.0420, 5.7820

■ 177.0900, 25.4490,
-15.1830

■ 202.0540,
-17.2870, 10.4330

■ 172.5760, 32.6480,
-19.0000

■ 206.2260,
-23.5230, 13.3170

■ 168.6490, 39.5720,
-23.3400

■ 207.9870,
-24.3480, 11.7480

■ 164.1350, 46.7710,
-27.1570

■ 210.3350,
-25.4480, 9.6560

■ 160.2080, 53.6950,
-31.4970

■ 212.0960,
-26.2730, 8.0870

■ 155.5800, 61.2150,
-35.6250

■ 214.4440,
-27.3730, 5.9950

■ 151.6530, 68.1390,
-39.9650

■ 216.2050,
-28.1980, 4.4260

Harmonies

Analogous

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



190.4800, 7.3360, -0.7920



189.5720, 4.0810, -2.3750



188.8920, 0.1840, -3.3360

Triad

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



189.5720, 4.0810, -2.3750



188.4550, -8.7110, -1.8230



190.6740, 4.0340, 3.9860

Complementary

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



189.5720, 4.0810, -2.3750



183.4280, -4.0810, 2.3750

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.



190.5210, 0.0910, 3.8590



189.5720, 4.0810, -2.3750



189.1070, -7.6110, 0.2690

Square

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



189.5720, 4.0810, -2.3750



188.5860, -7.7020, -3.5900



190.1290, -4.6770, 2.1630



191.0010, 7.4270, 3.0670

Rectangle

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



189.5720, 4.0810, -2.3750



188.5110, -3.1170, -4.0850



190.1290, -4.6770, 2.1630



190.4890, 3.1170, 4.0850

Sweetspot

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



189.5720, 4.0810, -2.3750



248.8430, 1.8800, -1.0320



184.5170, 5.9140, 2.9540



124.0710, 1.2380, -0.4100



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



189.5720, 4.0810, -2.3750



246.1870, 6.6030, -4.0290



189.8490, 1.7430, -4.0570



94.9140, 3.1180, -1.4420



125.0360, 59.9310, -34.3810



25.7160, 12.2430, -7.1250

Inverse Universe

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



183.4280, -4.0810, 2.3750



236.4000, -6.8780, 3.5060



183.1510, -1.7430, 4.0570



91.0860, -3.1180, 1.4420



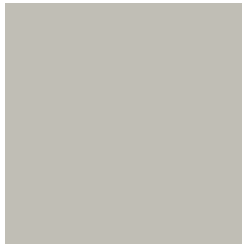
35.3770, -59.6560, 34.9040



7.2840, -12.2430, 7.1250

Previews

White Background



This preview shows how the YIQ color 189.5720, 4.0810, -2.3750 looks on a white background.

Color Contrast Check

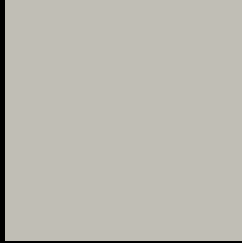
Large Text (above 18pt) WCAG AA × Fail

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 189.5720, 4.0810, -2.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

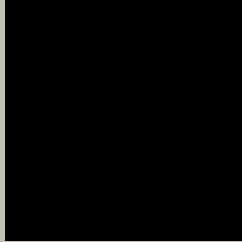
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

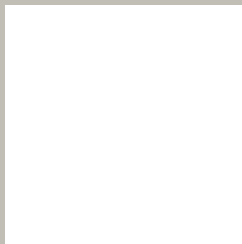
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 189.5720, 4.0810, -2.3750

Background



This preview shows how black text looks on a background with the YIQ color 189.5720, 4.0810, -2.3750.



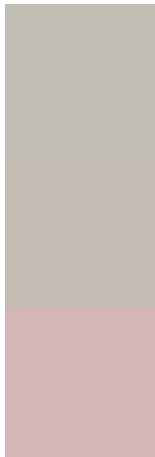
This preview shows how white text looks on a background with the YIQ color 189.5720, 4.0810,

-2.3750.

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

189.5720, 4.0810, -2.3750

Protanopia

189.7680, 6.4650, -1.5270

Deuteranopia

191.2580, 17.0090, 5.6250



Tritanopia

191.1020, -0.0470, 6.3610

Trichromacy



Original Color

189.5720, 4.0810, -2.3750

Protanomaly

189.4690, 5.8690, -1.7390

Deuteranomaly

190.9260, 12.0120, 2.5720

Tritanomaly

190.4780, 1.6500, 3.1380

Monochromacy



Original Color

189.5720, 4.0810, -2.3750

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.5720, 4.0810, -2.3750 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(192, 190, 181)` looks like.

```
.text, #text, p{  
    color:rgb(192, 190, 181)  
}
```

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(192, 190, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 190, 181) }
```

Border

The CSS property to change the border of an element to YIQ 189.5720, 4.0810, -2.3750 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(192, 190, 181) }
```


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

```
.border{ border-color:rgb(192, 190, 181) }
```

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

Here you see how a box with a 4 pixel rgb(192, 190, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 190, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 190, 181);  
box-shadow:4px 4px 4px 4px rgb(192, 190,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 189.5720, 4.0810, -2.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 190, 181) }
```

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

```
.background{ background-color: rgb(192,  
190, 181) }
```

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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