

Converting Colors

YIQ(189.3680, 21.3700,
-23.8620)

Have a look what the booklet for
YIQ(189.3680, 21.3700, -23.8620)
contains.

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Color

**YIQ(189.3680, 21.3700,
-23.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C77D
RGB	195, 199, 125
RGB Percent	76%, 78%, 49%
CMY	0.2353, 0.2196, 0.5097
CMYK	0.02, 0.00, 0.37, 0.22
HSL	63°, 40%, 64%
HSV	63°, 37%, 78%
XYZ	46.6298, 53.9293, 27.3659
YIQ	189.3680, 21.3700, -23.8620

Conversions

Conversions Part 2

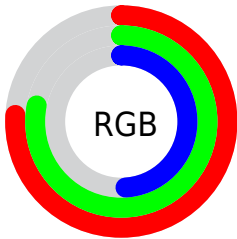
Format	Color
RYB	125, 199, 129
Decimal	12830589
CIELab	78.42, -12.64, 36.58
CIElCh	78, 38.700, 109.061
Yxy	53.9293, 0.3645, 0.4216
Android (android.graphics.Color)	4291020669 (0xFFC3C77D)
YUV	189.3680, -31.7334, 4.9393
Hunter-Lab	73.4366, -15.1726, 29.3114

Details

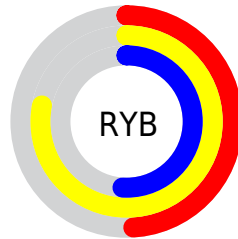
The YIQ color $189.3680, 21.3700, -23.8620$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $134.6320, -21.3700, 23.8620$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.4390, 22.6080, -24.2720$, and $135.5250, 19.4900, -22.8300$ is the 20% darker color. If you saturate the color by 10%, you get $186.7890, 27.1940, -30.2940$, and if you desaturate by 10%, it is $191.9470, 15.5460, -17.4300$.

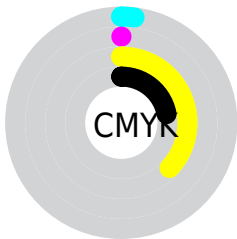
Distribution



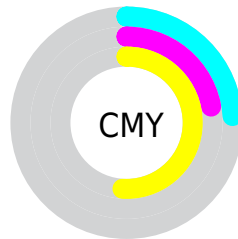
- Red (76%)
- Green (78%)
- Blue (49%)



- Red (49%)
- Yellow (78%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (37%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.3680, 21.3700, -23.8620 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 189.3680, 21.3700, -23.8620 by changing the saturation by 10% instead.

■ 189.3680, 21.3700,
-23.8620

■ 189.3680, 21.3700,
-23.8620

255.0000, -0.0000,
-0.0000

■ 162.1830, 20.4530,
-23.7630

■ 245.4390, 22.6080,
-24.2720

■ 135.5250, 19.4900,
-22.8300

■ 249.4140, 15.7290,
-15.2390

■ 110.2260, 18.8940,
-23.0420

■ 252.7200, 6.4200,
-6.2200

■ 85.0410, 17.9770,
-22.9430

■ 60.5140, 18.0230,
-23.7770

■ 40.7230, 10.3650,
-17.1470

■ 20.6220, 0.6440,

-11.6760

■ 0.0000, 0.0000,
0.0000

■ 189.3680, 21.3700,
-23.8620

■ 189.3680, 21.3700,
-23.8620

■ 186.7890, 27.1940,
-30.2940

■ 191.9470, 15.5460,
-17.4300

■ 184.2100, 33.0180,
-36.7260

■ 194.5260, 9.7220,
-10.9980

■ 181.6310, 38.8420,
-43.1580

■ 197.1050, 3.8980,
-4.5660

■ 179.0520, 44.6660,
-49.5900

■ 199.6840, -1.9260,
1.8660

■ 176.5870, 50.1690,
-55.7110

■ 202.2630, -7.7500,
8.2980

■ 173.7090, 55.3970,
-62.3550

■ 204.7280,
-13.2530, 14.4190

■ 173.0250, 57.3230,
-64.2210

■ 206.5800,
-15.5920, 18.2640

■ 206.8790,
-14.9960, 18.4760

■ 207.1780,
-14.4000, 18.6880

Harmonies

Analogous

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



192.5610, 46.1720, -10.7880



189.3680, 21.3700, -23.8620



184.7860, -12.2820, -30.7300

Triad

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



189.3680, 21.3700, -23.8620



172.0590, -95.9130, -18.3850



198.6870, 38.6910, 31.1950

Complementary

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



189.3680, 21.3700, -23.8620



134.6320, -21.3700, 23.8620

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.



199.2460, 9.2560, 30.5040



189.3680, 21.3700, -23.8620



183.5350, -64.4180, 0.0460

Square

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



189.3680, 21.3700, -23.8620



169.6880, -87.9790, -30.0190



194.4200, -26.8250, 18.0950



193.8820, 50.8430, 20.2110

Rectangle

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



189.3680, 21.3700, -23.8620



180.2700, -37.1320, -31.9160



194.4200, -26.8250, 18.0950



199.1360, 30.1170, 32.3970

Sweetspot

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



189.3680, 21.3700, -23.8620



251.2100, 7.7960, -9.1320



149.4740, 43.0040, 13.5960



125.7630, 4.8610, -5.4990



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.



189.3680, 21.3700, -23.8620



240.0960, 33.3390, -37.0370



178.3050, -0.6820, -31.7060



97.9740, 2.8890, -2.7990



141.7270, 46.9590, -52.6010



31.2980, 10.3640, -11.6200

Inverse Universe

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



134.6320, -21.3700, 23.8620



154.9040, -33.3390, 37.0370



145.6950, 0.6820, 31.7060



91.0260, -2.8890, 2.7990



21.2730, -46.9590, 52.6010



4.7020, -10.3640, 11.6200

Previews

White Background



This preview shows how the YIQ color 189.3680, 21.3700, -23.8620 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 189.3680, 21.3700, -23.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

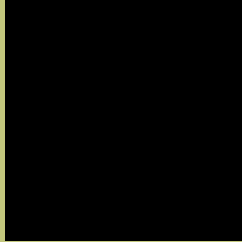
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.3680, 21.3700, -23.8620

Background



This preview shows how black text looks on a background with the YIQ color 189.3680, 21.3700, -23.8620.



This preview shows how white text looks on a background with the YIQ color 189.3680, 21.3700, -23.8620.

-23.8620.

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

189.3680, 21.3700, -23.8620

Protanopia

190.9890, 32.9230, -18.4770

Deuteranopia

192.8540, 46.9050, -7.5510



Tritanopia

195.1950, 4.1250, 7.8450

Trichromacy



Original Color

189.3680, 21.3700, -23.8620

Protanomaly

190.4830, 28.4760, -20.4840

Deuteranomaly

191.4890, 37.5070, -13.4450

Tritanomaly

193.3400, 10.5460, -3.9020

Monochromacy



Original Color

189.3680, 21.3700, -23.8620

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.3240, 7.4750, -8.8210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.3680, 21.3700, -23.8620 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(195, 199, 125)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 125)  
}
```

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(195, 199, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 125) }
```

Border

The CSS property to change the border of an element to YIQ 189.3680, 21.3700, -23.8620 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(195, 199, 125) }
```


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

```
.border{ border-color:rgb(195, 199, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 199, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 199, 125); box-shadow:4px 4px 4px 4px rgb(195, 199, 125) }
```

Background

The CSS property to change the background color of an element to YIQ 189.3680, 21.3700, -23.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 125) }
```

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

```
.background{ background-color: rgb(195,  
199, 125) }
```

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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