

Converting Colors

YIQ(178.1120, 28.3830,
-13.2890)

Have a look what the booklet for
YIQ(178.1120, 28.3830, -13.2890)
contains.

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Color

**YIQ(178.1120, 28.3830,
-13.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B37C
RGB	197, 179, 124
RGB Percent	77%, 70%, 49%
CMY	0.2274, 0.2980, 0.5136
CMYK	0.00, 0.09, 0.37, 0.23
HSL	45°, 39%, 63%
HSV	45°, 37%, 77%
XYZ	42.7857, 45.5640, 25.6216
YIQ	178.1120, 28.3830, -13.2890

Conversions

Conversions Part 2

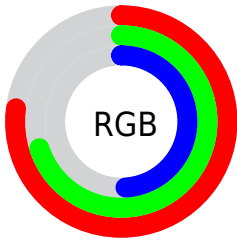
Format	Color
RYB	148, 197, 124
Decimal	12956540
CIELab	73.26, -1.55, 30.42
CIElCh	73, 30.464, 92.918
Yxy	45.5640, 0.3754, 0.3998
Android (android.graphics.Color)	4291146620 (0xFFC5B37C)
YUV	178.1120, -26.6772, 16.5648
Hunter-Lab	67.5011, -4.9843, 24.7459

Details

The YIQ color $178.1120, 28.3830, -13.2890$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $142.8880, -28.3830, 13.2890$, and the grayscale version is $178.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.3680, 30.5380, -13.7980$, and $124.8560, 26.2280, -12.7800$ is the 20% darker color. If you saturate the color by 10%, you get $172.8970, 36.1780, -16.8940$, and if you desaturate by 10%, it is $183.3270, 20.5880, -9.6840$.

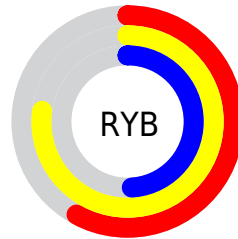
Distribution



Red (77%)

Green (70%)

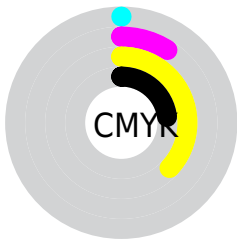
Blue (49%)



Red (58%)

Yellow (77%)

Blue (49%)

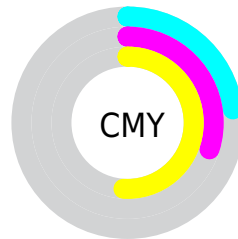


Cyan (0%)

Magenta (9%)

Yellow (37%)

Black (23%)



Cyan (23%)

Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1120, 28.3830, -13.2890 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 178.1120, 28.3830, -13.2890 by changing the saturation by 10% instead.

■ 178.1120, 28.3830,
-13.2890

■ 178.1120, 28.3830,
-13.2890

255.0000, -0.0000,
-0.0000

■ 151.0410, 27.1450,
-12.8790

■ 234.3680, 30.5380,
-13.7980

■ 124.8560, 26.2280,
-12.7800

■ 249.3000, 16.0500,
-15.5500

■ 100.3720, 24.7150,
-12.8930

■ 252.4920, 7.0620,
-6.8420

■ 75.8880, 23.2020,
-13.0060

■ 52.1760, 22.3310,
-13.7410

■ 32.5160, 15.6820,
-8.8780

■ 11.2300, 5.0440,

-3.3080

■ 0.0000, 0.0000,
0.0000

■ 178.1120, 28.3830,
-13.2890

■ 178.1120, 28.3830,
-13.2890

■ 172.8970, 36.1780,
-16.8940

■ 183.3270, 20.5880,
-9.6840

■ 167.7960, 43.6520,
-20.1880

■ 188.4280, 13.1140,
-6.3900

■ 162.5810, 51.4470,
-23.7930

■ 193.6430, 5.3190,
-2.7850

■ 157.9530, 58.9670,
-27.9210

■ 198.2710, -2.2010,
1.3430

■ 152.8520, 66.4410,
-31.2150

■ 203.4860, -9.9960,
4.9480

■ 147.6370, 74.2360,
-34.8200

■ 208.5870,
-17.4700, 8.2420

■ 145.7790, 76.7120,
-35.6400

■ 213.0040,
-23.0180, 9.6700

■ 215.9390,
-24.3930, 7.0550

■ 218.8740,
-25.7680, 4.4400

Harmonies

Analogous

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



180.8030, 42.9150, -1.3170



178.1120, 28.3830, -13.2890



174.7500, 5.7350, -21.3450

Triad

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



178.1120, 28.3830, -13.2890



164.9130, -66.2030, -17.1710



184.3470, 18.9770, 25.0330

Complementary

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



178.1120, 28.3830, -13.2890



142.8880, -28.3830, 13.2890

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.



182.7550, -8.7150, 20.2850



178.1120, 28.3830, -13.2890



170.2270, -60.7950, -5.0430

Square

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



178.1120, 28.3830, -13.2890



166.6080, -49.4670, -23.1230



177.8760, -37.2770, 9.2750



183.5910, 38.6010, 21.8090

Rectangle

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



178.1120, 28.3830, -13.2890



172.0020, -12.6500, -24.0580



177.8760, -37.2770, 9.2750



184.3290, 10.2200, 24.0440

Sweetspot

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



178.1120, 28.3830, -13.2890



247.6990, 10.9130, -5.0470



147.8790, 37.7300, 21.0740



123.1270, 6.8320, -2.6720



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.



178.1120, 28.3830, -13.2890



225.7960, 43.6520, -20.1880



183.2960, 12.7050, -26.5190



96.8000, 3.4390, -1.7530



120.9380, 63.3230, -29.7730



26.6130, 14.0310, -6.4890

Inverse Universe

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



142.8880, -28.3830, 13.2890



171.6170, -43.3770, 20.7110



137.7040, -12.7050, 26.5190



92.2000, -3.4390, 1.7530



42.0620, -63.3230, 29.7730



9.3870, -14.0310, 6.4890

Previews

White Background



This preview shows how the YIQ color 178.1120, 28.3830, -13.2890 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 178.1120, 28.3830, -13.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

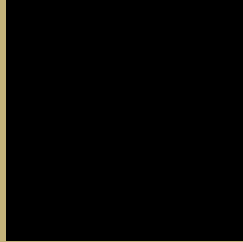
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.1120, 28.3830, -13.2890

Background



This preview shows how black text looks on a background with the YIQ color 178.1120, 28.3830, -13.2890.



This preview shows how white text looks on a background with the YIQ color 178.1120, 28.3830,

-13.2890.

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

178.1120, 28.3830, -13.2890

Protanopia

177.8020, 26.3200, -14.4480

Deuteranopia

179.2000, 40.1190, -5.7130



Tritanopia

182.4630, 15.1740, 11.3500

Trichromacy



Original Color

178.1120, 28.3830, -13.2890

Protanomaly

178.1010, 26.9160, -14.2360

Deuteranomaly

179.1670, 35.7180, -8.5540

Tritanomaly

180.8190, 19.6230, 2.3030

Monochromacy



Original Color

178.1120, 28.3830, -13.2890

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.8130, 10.5920, -4.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1120, 28.3830, -13.2890 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(197, 179, 124)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 124)  
}
```

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(197, 179, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 124) }
```

Border

The CSS property to change the border of an element to YIQ 178.1120, 28.3830, -13.2890 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(197, 179, 124) }
```


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

```
.border{ border-color:rgb(197, 179, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 179, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 179, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 179, 124);  
box-shadow:4px 4px 4px 4px rgb(197, 179,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1120, 28.3830, -13.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 124) }
```

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

```
.background{ background-color: rgb(197,  
179, 124) }
```

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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