

Converting Colors

YIQ(188.4330, 22.7450,
-21.2470)

Have a look what the booklet for
YIQ(188.4330, 22.7450, -21.2470)
contains.

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Color

**YIQ(188.4330, 22.7450,
-21.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C47F
RGB	197, 196, 127
RGB Percent	77%, 77%, 50%
CMY	0.2275, 0.2314, 0.5018
CMYK	0.00, 0.01, 0.36, 0.23
HSL	59°, 38%, 64%
HSV	59°, 36%, 77%
XYZ	46.5962, 52.8818, 27.8425
YIQ	188.4330, 22.7450, -21.2470

Conversions

Conversions Part 2

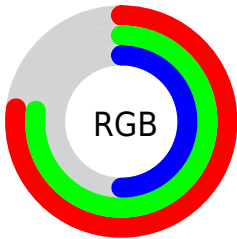
Format	Color
RYB	128, 197, 127
Decimal	12960895
CIELab	77.81, -10.08, 34.79
CIELCh	78, 36.220, 106.159
Yxy	52.8818, 0.3660, 0.4153
Android (android.graphics.Color)	4291150975 (0xFFC5C47F)
YUV	188.4330, -30.2865, 7.5133
Hunter-Lab	72.7198, -12.8835, 28.2033

Details

The YIQ color $188.4330, 22.7450, -21.2470$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $135.5670, -22.7450, 21.2470$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.3900, 24.3040, -21.9680$, and $134.5900, 20.8650, -20.2150$ is the 20% darker color. If you saturate the color by 10%, you get $186.1530, 29.1650, -27.4670$, and if you desaturate by 10%, it is $190.7130, 16.3250, -15.0270$.

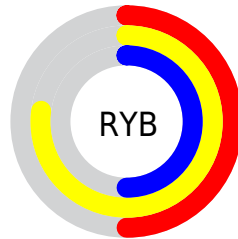
Distribution



Red (77%)

Green (77%)

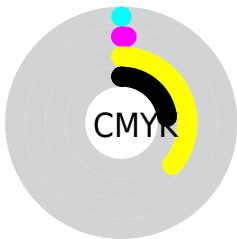
Blue (50%)



Red (50%)

Yellow (77%)

Blue (50%)

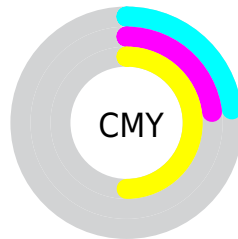


Cyan (0%)

Magenta (1%)

Yellow (36%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4330, 22.7450, -21.2470 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 188.4330, 22.7450, -21.2470 by changing the saturation by 10% instead.

■ 188.4330, 22.7450,
-21.2470

■ 188.4330, 22.7450,
-21.2470

255.0000, -0.0000,
-0.0000

■ 161.2480, 21.8280,
-21.1480

■ 245.3900, 24.3040,
-21.9680

■ 134.5900, 20.8650,
-20.2150

■ 249.6420, 15.0870,
-14.6170

■ 109.4050, 19.9480,
-20.1160

■ 252.9480, 5.7780,
-5.5980

■ 84.2200, 19.0310,
-20.0170

■ 60.3940, 18.4810,
-21.0630

■ 40.1470, 12.1070,
-15.6770

■ 20.0460, 2.3860,

-10.2060

■ 0.0000, 0.0000,
0.0000

■ 188.4330, 22.7450,
-21.2470

■ 188.4330, 22.7450,
-21.2470

■ 186.1530, 29.1650,
-27.4670

■ 190.7130, 16.3250,
-15.0270

■ 183.4000, 35.5390,
-32.8530

■ 193.4660, 9.9510,
-9.6410

■ 181.1200, 41.9590,
-39.0730

■ 195.7460, 3.5310,
-3.4210

■ 178.8400, 48.3790,
-45.2930

■ 198.0260, -2.8890,
2.7990

■ 176.6740, 54.4780,
-51.2020

■ 200.3060, -9.3090,
9.0190

■ 173.8070, 61.1730,
-56.8990

■ 203.0590,
-15.6830, 14.4050

■ 172.7810, 64.0620,
-59.6980

■ 204.1990,
-18.8930, 17.5150

■ 204.7860,
-19.1680, 16.9920

Harmonies

Analogous

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



191.5440, 44.8420, -8.7100



188.4330, 22.7450, -21.2470



184.4060, -8.1560, -28.4120

Triad

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



188.4330, 22.7450, -21.2470



173.6750, -85.9640, -16.9720



197.4800, 34.8400, 29.4000

Complementary

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



188.4330, 22.7450, -21.2470



135.5670, -22.7450, 21.2470

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.



196.6260, 5.1300, 28.1860



188.4330, 22.7450, -21.2470



182.9480, -64.1430, 0.5690

Square

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



188.4330, 22.7450, -21.2470



172.6140, -75.9670, -27.4470



192.0390, -30.1260, 17.3460



194.2240, 49.8800, 21.1440

Rectangle

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



188.4330, 22.7450, -21.2470



180.2600, -31.1720, -29.7960



192.0390, -30.1260, 17.3460



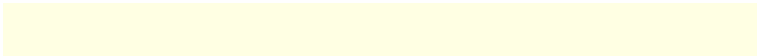
197.5160, 25.9910, 30.0790

Sweetspot

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



188.4330, 22.7450, -21.2470



251.8080, 8.9880, -8.7080



148.0440, 41.3990, 15.1510



125.4750, 5.7320, -4.7640



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.



188.4330, 22.7450, -21.2470



241.2860, 35.8600, -33.1640



178.8540, 2.2060, -28.9780



97.9740, 2.8890, -2.7990



143.2440, 52.8730, -49.6470



31.3090, 11.8310, -10.6730

Inverse Universe

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



135.5670, -22.7450, 21.2470



158.7140, -35.8600, 33.1640



145.1460, -2.2060, 28.9780



91.0260, -2.8890, 2.7990



19.7560, -52.8730, 49.6470



4.6910, -11.8310, 10.6730

Previews

White Background



This preview shows how the YIQ color 188.4330, 22.7450, -21.2470 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 188.4330, 22.7450, -21.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

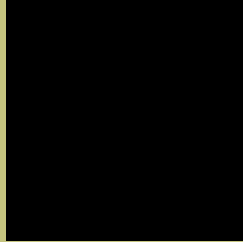
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.4330, 22.7450, -21.2470

Background



This preview shows how black text looks on a background with the YIQ color 188.4330, 22.7450, -21.2470.



This preview shows how white text looks on a background with the YIQ color 188.4330, 22.7450, -21.2470.

-21.2470.

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

188.4330, 22.7450, -21.2470

Protanopia

189.5590, 31.3180, -16.9220

Deuteranopia

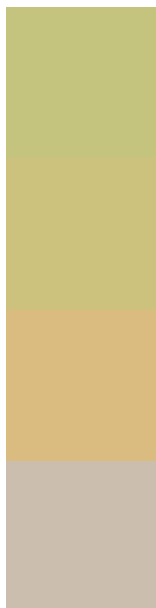
191.5980, 44.7500, -7.0420



Tritanopia

194.2770, 6.8300, 8.3820

Trichromacy



Original Color

188.4330, 22.7450, -21.2470

Protanomaly

188.9500, 28.6590, -18.2930

Deuteranomaly

190.2440, 36.8190, -11.9890

Tritanomaly

192.0630, 12.8840, -2.2200

Monochromacy



Original Color

188.4330, 22.7450, -21.2470

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1500, 8.0250, -7.7750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4330, 22.7450, -21.2470 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, 196, 127)` looks like.

```
.text, #text, p{  
    color:rgb(197, 196, 127)  
}
```

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, 196, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 196, 127) }
```

Border

The CSS property to change the border of an element to YIQ 188.4330, 22.7450, -21.2470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

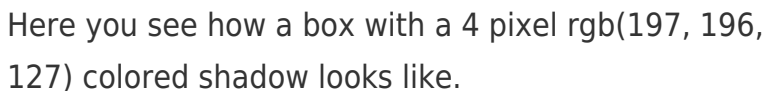
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 196, 127) }
```


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

```
.border{ border-color:rgb(197, 196, 127) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 196, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 196, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 196, 127); box-shadow:4px 4px 4px 4px rgb(197, 196, 127) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4330, 22.7450, -21.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 196, 127) }
```

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

```
.background{ background-color: rgb(197,  
196, 127) }
```

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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