

Converting Colors

YIQ(183.7140, 23.7520,
-11.9600)

Have a look what the booklet for
YIQ(183.7140, 23.7520, -11.9600)
contains.

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Color

**YIQ(183.7140, 23.7520,
-11.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B989
RGB	199, 185, 137
RGB Percent	78%, 73%, 54%
CMY	0.2196, 0.2745, 0.4626
CMYK	0.00, 0.07, 0.31, 0.22
HSL	46°, 36%, 66%
HSV	46°, 31%, 78%
XYZ	45.4189, 48.6447, 30.6751
YIQ	183.7140, 23.7520, -11.9600

Conversions

Conversions Part 2

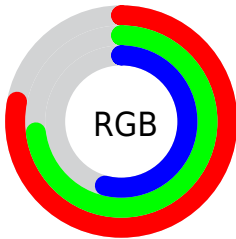
Format	Color
R_{YB}	155, 199, 137
Decimal	13089161
CIE Lab	75.23, -2.33, 26.18
CIE LCh	75, 26.285, 95.082
Yxy	48.6447, 0.3641, 0.3900
Android (android.graphics.Color)	4291279241 (0xFFC7B989)
YUV	183.7140, -23.0300, 13.4058
Hunter-Lab	69.7458, -5.8148, 22.7456

Details

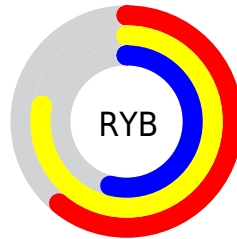
The YIQ color **183.7140, 23.7520, -11.9600** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **152.2860, -23.7520, 11.9600**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **239.4860, 24.3940, -12.5820**, and **130.4580, 21.5970, -11.4510** is the 20% darker color. If you saturate the color by 10%, you get **179.0860, 31.2720, -16.0880**, and if you desaturate by 10%, it is **188.3420, 16.2320, -7.8320**.

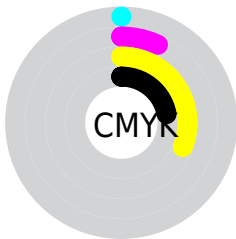
Distribution



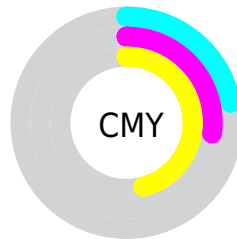
- Red (78%)
- Green (73%)
- Blue (54%)



- Red (61%)
- Yellow (78%)
- Blue (54%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.7140, 23.7520, -11.9600 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 183.7140, 23.7520, -11.9600 by changing the saturation by 10% instead.

■ 183.7140, 23.7520,
-11.9600

■ 183.7140, 23.7520,
-11.9600

■ 255.0000, -0.0000,
-0.0000

■ 156.5290, 22.8350,
-11.8610

■ 239.4860, 24.3940,
-12.5820

■ 130.4580, 21.5970,
-11.4510

■ 250.8960, 11.5560,
-11.1960

■ 105.2730, 20.6800,
-11.3520

■ 254.0880, 2.5680,
-2.4880

■ 81.0880, 19.7630,
-11.2530

■ 57.6040, 18.2500,
-11.3660

■ 36.0600, 16.9660,
-10.1220

■ 16.5460, 6.9700,

-5.1740

■ 0.0000, 0.0000,
0.0000

■ 183.7140, 23.7520,
-11.9600

■ 183.7140, 23.7520,
-11.9600

■ 179.0860, 31.2720,
-16.0880

■ 188.3420, 16.2320,
-7.8320

■ 173.8710, 39.0670,
-19.6930

■ 193.5570, 8.4370,
-4.2270

■ 169.2430, 46.5870,
-23.8210

■ 198.1850, 0.9170,
-0.0990

■ 164.0280, 54.3820,
-27.4260

■ 203.4000, -6.8780,
3.5060

■ 159.5140, 61.5810,
-31.2430

■ 208.0280,
-14.3980, 7.6340

■ 154.2990, 69.3760,
-34.8480

■ 213.0150,
-21.5510, 10.6170

■ 149.8990, 76.2540,
-38.3540

■ 215.3630,
-22.6510, 8.5250

■ 218.2980,
-24.0260, 5.9100

■ 220.6460,
-25.1260, 3.8180

Harmonies

Analogous

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



186.1660, 37.4590, -1.5570



183.7140, 23.7520, -11.9600



180.6620, 3.1670, -18.8570

Triad

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



183.7140, 23.7520, -11.9600



174.7790, -53.9620, -13.2420



189.6410, 17.9690, 21.2730

Complementary

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



183.7140, 23.7520, -11.9600



152.2860, -23.7520, 11.9600

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.



188.1420, -5.5510, 18.0090



183.7140, 23.7520, -11.9600



178.1530, -48.7830, -2.4710

Square

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



183.7140, 23.7520, -11.9600



174.8370, -42.6820, -19.4340



183.8830, -29.9870, 9.3170



189.0310, 34.2460, 18.1340

Rectangle

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



183.7140, 23.7520, -11.9600



178.9960, -12.5130, -21.0330



183.8830, -29.9870, 9.3170



189.5200, 11.0000, 20.9200

Sweetspot

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



183.7140, 23.7520, -11.9600



249.4430, 8.7580, -4.5380



157.1340, 32.4580, 17.4980



123.9420, 5.9150, -2.5730



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.



183.7140, 23.7520, -11.9600



231.9570, 35.9490, -18.2510



186.8490, 9.7700, -22.8860



96.8000, 3.4390, -1.7530



122.6990, 62.4980, -31.3420



27.2000, 13.7560, -7.0120

Inverse Universe

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



152.2860, -23.7520, 11.9600



184.0430, -35.9490, 18.2510



149.1510, -9.7700, 22.8860



92.2000, -3.4390, 1.7530



40.3010, -62.4980, 31.3420



8.8000, -13.7560, 7.0120

Previews

White Background



This preview shows how the YIQ color 183.7140, 23.7520, -11.9600 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 183.7140, 23.7520, -11.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

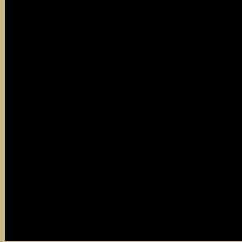
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.7140, 23.7520, -11.9600

Background



This preview shows how black text looks on a background with the YIQ color 183.7140, 23.7520, -11.9600.



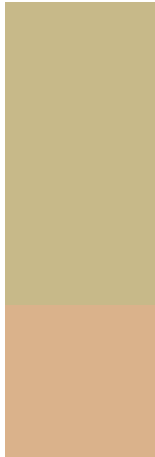
This preview shows how white text looks on a background with the YIQ color 183.7140, 23.7520, -11.9600.

-11.9600.

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

183.7140, 23.7520, -11.9600

Protanopia

183.7140, 23.7520, -11.9600

Deuteranopia

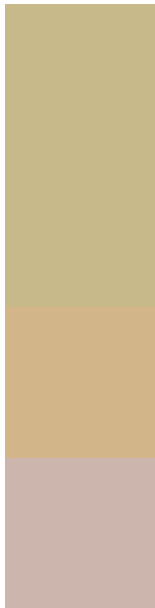
185.5140, 36.3590, -3.6490



Tritanopia

187.6690, 11.5980, 10.0780

Trichromacy



Original Color

183.7140, 23.7520, -11.9600

Protanomaly

183.7140, 23.7520, -11.9600

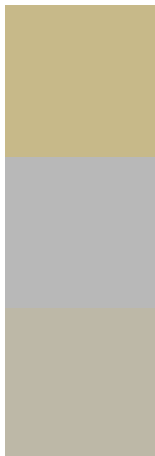
Deuteranomaly

185.0680, 31.6830, -7.0130

Tritanomaly

186.5520, 16.0010, 1.8650

Monochromacy



Original Color

183.7140, 23.7520, -11.9600

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.5570, 8.4370, -4.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.7140, 23.7520, -11.9600 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(199, 185, 137)` looks like.

```
.text, #text, p{  
    color:rgb(199, 185, 137)  
}
```

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(199, 185, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 185, 137) }
```

Border

The CSS property to change the border of an element to YIQ 183.7140, 23.7520, -11.9600 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(199, 185, 137) }
```


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

```
.border{ border-color:rgb(199, 185, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 185, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 185, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 185, 137);  
box-shadow:4px 4px 4px 4px rgb(199, 185,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 183.7140, 23.7520, -11.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 185, 137) }
```

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

```
.background{ background-color: rgb(199,  
185, 137) }
```

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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