

Converting Colors

YIQ(220.3490, 23.5220, -7.7900)

Have a look what the booklet for
YIQ(220.3490, 23.5220, -7.7900)
contains.

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Color

**YIQ(220.3490, 23.5220,
-7.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDBB5
RGB	238, 219, 181
RGB Percent	93%, 86%, 71%
CMY	0.0666, 0.1412, 0.2901
CMYK	0.00, 0.08, 0.24, 0.07
HSL	40°, 63%, 82%
HSV	40°, 24%, 93%
XYZ	68.9349, 72.1744, 54.0307
YIQ	220.3490, 23.5220, -7.7900

Conversions

Conversions Part 2

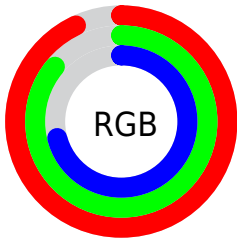
Format	Color
R _Y B	210, 238, 181
Decimal	15653813
CIE Lab	88.05, 0.73, 21.06
CIE LCh	88, 21.074, 88.016
Yxy	72.1744, 0.3533, 0.3699
Android (android.graphics.Color)	4293843893 (0xFFEEDBB5)
YUV	220.3490, -19.3991, 15.4799
Hunter-Lab	84.9555, -3.8331, 21.7611

Details

The YIQ color $220.3490, 23.5220, -7.7900$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $198.6510, -23.5220, 7.7900$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9480, 5.7780, -5.5980$, and $165.2780, 22.2840, -7.3800$ is the 20% darker color. If you saturate the color by 10%, you get $212.9170, 33.4260, -11.0700$, and if you desaturate by 10%, it is $227.7810, 13.6180, -4.5100$.

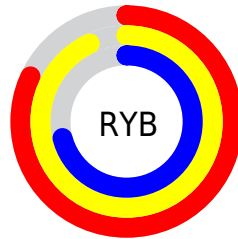
Distribution



Red (93%)

Green (86%)

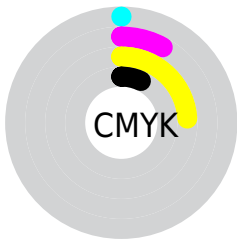
Blue (71%)



Red (82%)

Yellow (93%)

Blue (71%)

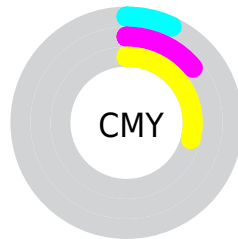


Cyan (0%)

Magenta (8%)

Yellow (24%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.3490, 23.5220, -7.7900 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 220.3490, 23.5220, -7.7900 by changing the saturation by 10% instead.

■ 220.3490, 23.5220,
-7.7900

■ 220.3490, 23.5220,
-7.7900

255.0000, -0.0000,
-0.0000

■ 192.1640, 22.6050,
-7.6910

■ 252.9480, 5.7780,
-5.5980

■ 165.2780, 22.2840,
-7.3800

■ 138.7940, 20.7710,
-7.4930

■ 113.0220, 20.1290,
-6.8710

■ 88.4240, 18.9370,
-7.2950

■ 65.2390, 18.0200,
-7.1960

■ 42.7550, 16.5070,

-7.3090

■ 23.0690, 12.7470,
-5.2450

■ 0.0000, 0.0000,
0.0000

■ 220.3490, 23.5220,
-7.7900

■ 220.3490, 23.5220,
-7.7900

■ 212.9170, 33.4260,
-11.0700

■ 227.7810, 13.6180,
-4.5100

■ 205.4850, 43.3300,
-14.3500

■ 235.2130, 3.7140,
-1.2300

■ 198.1670, 52.9130,
-17.3190

■ 242.5310, -5.8690,
1.7390

■ 190.7350, 62.8170,
-20.5990

■ 247.5690, -9.0320,
-1.5120

■ 183.3030, 72.7210,
-23.8790

■ 249.9170,
-10.1320, -3.6040

■ 175.8710, 82.6250,
-27.1590

■ 168.4390, 92.5290,
-30.4390

■ 164.4950, 98.1230,
-32.7010

Harmonies

Analogous

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



222.7080, 33.0570, 1.1290



220.3490, 23.5220, -7.7900



217.7490, 7.4760, -14.3480

Triad

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



220.3490, 23.5220, -7.7900



213.3630, -40.9870, -11.6030



224.4120, 11.1840, 17.5840

Complementary

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



220.3490, 23.5220, -7.7900



198.6510, -23.5220, 7.7900

Split Complementary

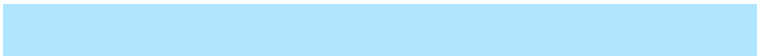
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.5390, -8.3470, 13.6130



220.3490, 23.5220, -7.7900



215.7040, -40.2090, -3.6730

Square

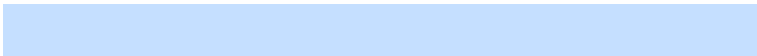
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.3490, 23.5220, -7.7900



213.4750, -29.7990, -16.1270



218.8740, -25.7680, 4.4400



223.1760, 23.4720, 15.1520

Rectangle

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



220.3490, 23.5220, -7.7900



216.6380, -5.4530, -16.8210



218.8740, -25.7680, 4.4400



224.1770, 4.5360, 16.9200

Sweetspot

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



220.3490, 23.5220, -7.7900



249.4260, 7.4280, -2.4600



200.3230, 27.5520, 18.3040



124.3980, 4.6310, -1.3290



0.0000, 0.0000, 0.0000



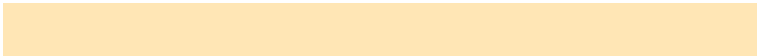
128.0000, -0.0000, -0.0000

Same Dimension

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



220.3490, 23.5220, -7.7900



231.8890, 30.6290, -9.9390



228.8110, 12.9330, -19.6350



116.2840, 4.9520, -1.6400



126.6300, 76.1140, -24.7980



38.4630, 23.2010, -7.4790

Inverse Universe

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



198.6510, -23.5220, 7.7900



204.1110, -30.6290, 9.9390



190.1890, -12.9330, 19.6350



111.7160, -4.9520, 1.6400



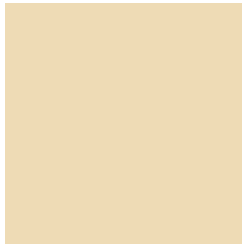
56.7830, -75.8390, 25.3210



17.5370, -23.2010, 7.4790

Previews

White Background



This preview shows how the YIQ color 220.3490, 23.5220, -7.7900 looks on a white background.

Color Contrast Check

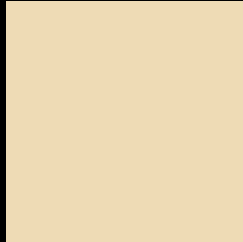
Large Text (above 18pt) WCAG AA × Fail

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 220.3490, 23.5220, -7.7900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

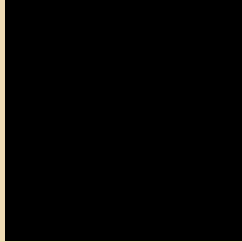
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.3490, 23.5220, -7.7900

Background



This preview shows how black text looks on a background with the YIQ color 220.3490, 23.5220, -7.7900.



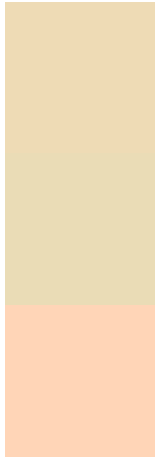
This preview shows how white text looks on a background with the YIQ color 220.3490, 23.5220,

-7.7900.

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

220.3490, 23.5220, -7.7900

Protanopia

219.8540, 20.5420, -8.8500

Deuteranopia

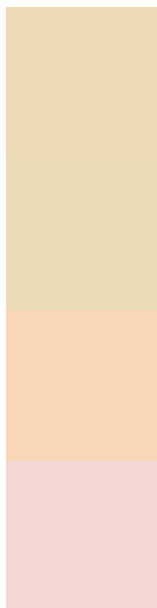
222.1380, 34.6620, -0.4260



Tritanopia

223.5060, 13.6150, 12.0710

Trichromacy



Original Color

220.3490, 23.5220, -7.7900

Protanomaly

220.1530, 21.1380, -8.6380

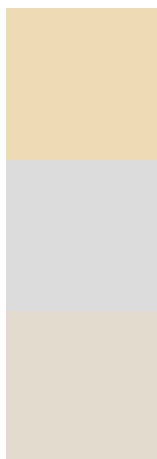
Deuteranomaly

221.4040, 30.8570, -3.0550

Tritanomaly

222.7310, 17.0550, 4.7910

Monochromacy



Original Color

220.3490, 23.5220, -7.7900

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.4970, 8.6660, -2.8700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.3490, 23.5220, -7.7900 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(238, 219, 181)` looks like.

```
.text, #text, p{  
    color:rgb(238, 219, 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(238, 219, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 219, 181) }
```

Border

The CSS property to change the border of an element to YIQ 220.3490, 23.5220, -7.7900 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(238, 219, 181) }
```


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

```
.border{ border-color:rgb(238, 219, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 219, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 219, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 219, 181);  
box-shadow:4px 4px 4px 4px rgb(238, 219,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 220.3490, 23.5220, -7.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 219, 181) }
```

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

```
.background{ background-color: rgb(238,  
219, 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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