

Converting Colors

YIQ(178.3330, 20.4510,
-12.7090)

Have a look what the booklet for
YIQ(178.3330, 20.4510, -12.7090)
contains.

YIQ(178.3330, 20.4510, -12.7090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(178.3330, 20.4510,
-12.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB586
RGB	190, 181, 134
RGB Percent	75%, 71%, 53%
CMY	0.2549, 0.2902, 0.4744
CMYK	0.00, 0.05, 0.29, 0.25
HSL	50°, 30%, 64%
HSV	50°, 29%, 75%
XYZ	42.0630, 45.7151, 29.1722
YIQ	178.3330, 20.4510, -12.7090

Conversions

Conversions Part 2

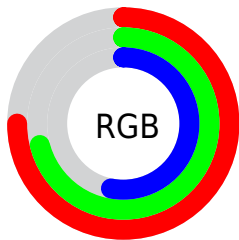
Format	Color
RYB	145, 190, 134
Decimal	12498310
CIELab	73.36, -4.15, 25.14
CIELCh	73, 25.475, 99.365
Yxy	45.7151, 0.3597, 0.3909
Android (android.graphics.Color)	4290688390 (0xFFBEB586)
YUV	178.3330, -21.8562, 10.2320
Hunter-Lab	67.6130, -7.2754, 21.7479

Details

The YIQ color $178.3330, 20.4510, -12.7090$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $145.6670, -20.4510, 12.7090$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.2900, 22.0100, -13.4300$, and $125.3760, 18.8920, -11.9880$ is the 20% darker color. If you saturate the color by 10%, you get $174.4060, 27.3750, -17.0490$, and if you desaturate by 10%, it is $182.2600, 13.5270, -8.3690$.

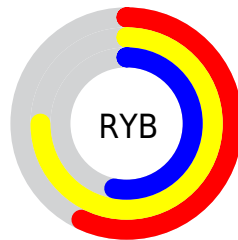
Distribution



Red (75%)

Green (71%)

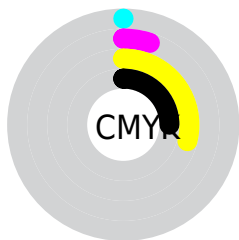
Blue (53%)



Red (57%)

Yellow (75%)

Blue (53%)

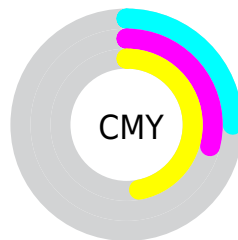


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.3330, 20.4510, -12.7090 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 178.3330, 20.4510, -12.7090 by changing the saturation by 10% instead.

■ 178.3330, 20.4510,
-12.7090

■ 178.3330, 20.4510,
-12.7090

255.0000, -0.0000,
-0.0000

■ 151.5610, 19.8090,
-12.0870

■ 234.4040, 21.6890,
-13.1190

■ 125.3760, 18.8920,
-11.9880

■ 250.4400, 12.8400,
-12.4400

■ 100.1910, 17.9750,
-11.8890

■ 253.7460, 3.5310,
-3.4210

■ 76.1200, 16.7370,
-11.4790

■ 53.5220, 15.5450,
-11.9030

■ 32.2060, 13.6190,
-10.0370

■ 10.6100, 0.9180,

-5.6260

■ 0.0000, 0.0000,
0.0000

■ 178.3330, 20.4510,
-12.7090

■ 178.3330, 20.4510,
-12.7090

■ 174.4060, 27.3750,
-17.0490

■ 182.2600, 13.5270,
-8.3690

■ 170.4790, 34.2990,
-21.3890

■ 186.1870, 6.6030,
-4.0290

■ 166.5520, 41.2230,
-25.7290

■ 190.1140, -0.3210,
0.3110

■ 162.6250, 48.1470,
-30.0690

■ 194.0410, -7.2450,
4.6510

■ 158.6980, 55.0710,
-34.4090

■ 197.9680,
-14.1690, 8.9910

■ 154.7710, 61.9950,
-38.7490

■ 201.8950,
-21.0930, 13.3310

■ 150.8440, 68.9190,
-43.0890

■ 204.4540,
-24.1650, 13.9390

■ 150.1430, 69.5150,
-42.8770

■ 206.2150,
-24.9900, 12.3700

■ 207.9760,
-25.8150, 10.8010

Harmonies

Analogous

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



180.5570, 34.8000, -2.9280



178.3330, 20.4510, -12.7090



175.8080, -0.1800, -18.7720

Triad

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



178.3330, 20.4510, -12.7090



170.3170, -52.5410, -11.4610



183.8970, 20.1240, 20.7640

Complementary

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



178.3330, 20.4510, -12.7090



145.6670, -20.4510, 12.7090

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.



183.2950, -1.6080, 18.1360



178.3330, 20.4510, -12.7090



174.3600, -44.9320, -0.6760

Square

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



178.3330, 20.4510, -12.7090



169.5920, -43.3700, -17.9780



179.8620, -25.4940, 10.4900



183.3900, 34.6130, 16.9890

Rectangle

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



178.3330, 20.4510, -12.7090



173.5550, -15.5850, -20.4250



179.8620, -25.4940, 10.4900



184.0750, 13.7510, 20.6230

Sweetspot

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



178.3330, 20.4510, -12.7090



242.7310, 7.8870, -5.2730



151.7700, 30.4870, 14.6710



122.2300, 5.0440, -3.3080



252.0000, 0.0000, 0.0000



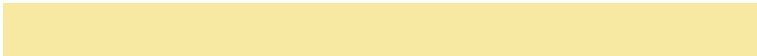
125.0000, 0.0000, 0.0000

Same Dimension

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



178.3330, 20.4510, -12.7090



228.9780, 31.4560, -19.4240



177.9350, 6.6520, -21.4440



92.3870, 3.1640, -2.2760



125.3130, 57.5930, -36.0630



24.5310, 11.3260, -7.0260

Inverse Universe

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



145.6670, -20.4510, 12.7090



179.0220, -31.4560, 19.4240



146.0650, -6.6520, 21.4440



86.6130, -3.1640, 2.2760



32.6870, -57.5930, 36.0630



6.4690, -11.3260, 7.0260

Previews

White Background



This preview shows how the YIQ color 178.3330, 20.4510, -12.7090 looks on a white background.

Color Contrast Check

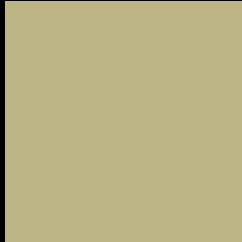
Large Text (above 18pt) WCAG AA × Fail

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 178.3330, 20.4510, -12.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

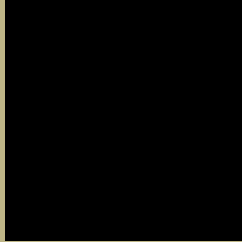
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

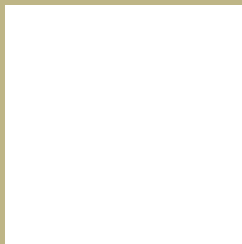
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 178.3330, 20.4510, -12.7090

Background



This preview shows how black text looks on a background with the YIQ color 178.3330, 20.4510, -12.7090.



This preview shows how white text looks on a background with the YIQ color 178.3330, 20.4510,

-12.7090.

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

178.3330, 20.4510, -12.7090

Protanopia

178.6430, 22.5140, -11.5500

Deuteranopia

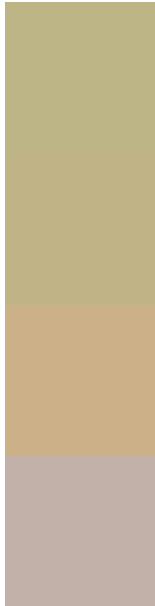
180.4430, 35.1210, -3.2390



Tritanopia

182.1740, 8.6180, 9.0180

Trichromacy



Original Color

178.3330, 20.4510, -12.7090

Protanomaly

178.3440, 21.9180, -11.7620

Deuteranomaly

179.6980, 29.8490, -6.8150

Tritanomaly

181.0570, 13.0210, 0.8050

Monochromacy



Original Color

178.3330, 20.4510, -12.7090

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.9590, 7.2450, -4.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.3330, 20.4510, -12.7090 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(190, 181, 134)` looks like.

```
.text, #text, p{  
    color:rgb(190, 181, 134)  
}
```

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(190, 181, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 181, 134) }
```

Border

The CSS property to change the border of an element to YIQ 178.3330, 20.4510, -12.7090 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(190, 181, 134) }
```


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

```
.border{ border-color:rgb(190, 181, 134) }
```

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

Here you see how a box with a 4 pixel rgb(190, 181, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 181, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 181, 134);  
box-shadow:4px 4px 4px 4px rgb(190, 181,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 178.3330, 20.4510, -12.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 181, 134) }
```

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

```
.background{ background-color: rgb(190,  
181, 134) }
```

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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