

Converting Colors

YIQ(178.1240, 28.1090,
-19.3390)

Have a look what the booklet for
YIQ(178.1240, 28.1090, -19.3390)
contains.

YIQ(178.1240, 28.1090, -19.3390)	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(178.1240, 28.1090,
-19.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B772
RGB	193, 183, 114
RGB Percent	76%, 72%, 45%
CMY	0.2432, 0.2824, 0.5528
CMYK	0.00, 0.05, 0.41, 0.24
HSL	52°, 39%, 60%
HSV	52°, 41%, 76%
XYZ	41.9633, 46.4178, 22.6800
YIQ	178.1240, 28.1090, -19.3390

Conversions

Conversions Part 2

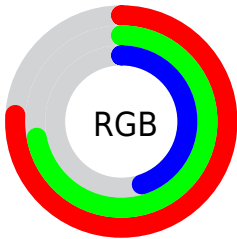
Format	Color
RYB	125, 193, 114
Decimal	12695410
CIELab	73.82, -6.41, 36.30
CIELCh	74, 36.860, 100.015
Yxy	46.4178, 0.3778, 0.4179
Android (android.graphics.Color)	4290885490 (0xFFC1B772)
YUV	178.1240, -31.6131, 13.0463
Hunter-Lab	68.1306, -9.2861, 27.9544

Details

The YIQ color **178.1240, 28.1090, -19.3390** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **128.8760, -28.1090, 19.3390**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.3800, 30.2640, -19.8480**, and **124.8680, 25.9540, -18.8300** is the 20% darker color. If you saturate the color by 10%, you get **174.7840, 34.7580, -24.2020**, and if you desaturate by 10%, it is **181.4640, 21.4600, -14.4760**.

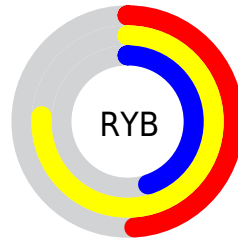
Distribution



Red (76%)

Green (72%)

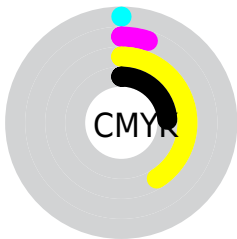
Blue (45%)



Red (49%)

Yellow (76%)

Blue (45%)

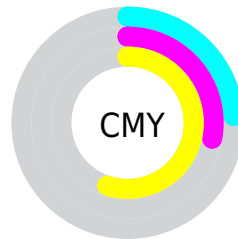


Cyan (0%)

Magenta (5%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (28%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.1240, 28.1090, -19.3390 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 178.1240, 28.1090, -19.3390 by changing the saturation by 10% instead.


 178.1240, 28.1090,
-19.3390


 178.1240, 28.1090,
-19.3390


255.0000, -0.0000,
-0.0000


 151.0530, 26.8710,
-18.9290


 234.3800, 30.2640,
-19.8480

 124.8680, 25.9540,
-18.8300


 248.0460, 19.5810,
-18.9710


 99.7970, 24.7160,
-18.4200

 251.3520, 10.2720,
-9.9520

 75.0850, 23.8450,
-19.1550

 254.5440, 1.2840,
-1.2440

 52.2850, 20.4060,
-17.4020

 32.7820, 11.8770,
-11.5070

 11.4740, -1.6950,

-7.8310

■ 0.0000, 0.0000,
0.0000

■ 178.1240, 28.1090,
-19.3390

■ 178.1240, 28.1090,
-19.3390

■ 174.7840, 34.7580,
-24.2020

■ 181.4640, 21.4600,
-14.4760

■ 170.7430, 42.0030,
-28.8530

■ 185.5050, 14.2150,
-9.8250

■ 167.4030, 48.6520,
-33.7160

■ 188.8450, 7.5660,
-4.9620

■ 163.4760, 55.5760,
-38.0560

■ 192.7720, 0.6420,
-0.6220

■ 160.1360, 62.2250,
-42.9190

■ 196.2260, -6.3280,
4.5520

■ 156.9100, 68.5530,
-47.4710

■ 200.1530,
-13.2520, 8.8920

■ 203.4930,
-19.9010, 13.7550

■ 205.9380,
-22.6520, 14.0520

■ 207.1120,
-23.2020, 13.0060

Harmonies

Analogous

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



181.3920, 48.3260, -5.7700



178.1240, 28.1090, -19.3390



174.0540, -1.2330, -27.2250

Triad

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



178.1240, 28.1090, -19.3390



158.5060, -92.9780, -22.0180



186.3700, 29.3380, 29.9940

Complementary

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



178.1240, 28.1090, -19.3390



128.8760, -28.1090, 19.3390

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.



185.5650, -2.0680, 26.4760



178.1240, 28.1090, -19.3390



168.9360, -73.0370, -3.4450

Square

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



178.1240, 28.1090, -19.3390



161.1150, -73.1240, -29.4120



179.9670, -38.7910, 14.6890



184.6310, 50.2920, 24.6920

Rectangle

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



178.1240, 28.1090, -19.3390



170.3810, -24.2030, -29.4430



179.9670, -38.7910, 14.6890



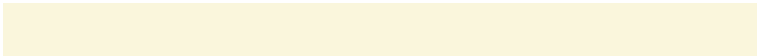
186.1070, 19.8930, 30.4610

Sweetspot

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



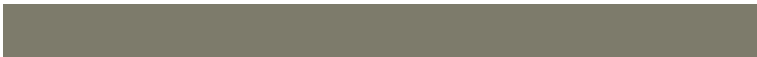
178.1240, 28.1090, -19.3390



244.2320, 10.7300, -7.2380



138.8750, 43.5530, 20.1690



121.7740, 6.3280, -4.5520



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.



178.1240, 28.1090, -19.3390



226.5860, 43.8830, -29.8850



175.3230, 8.0750, -30.7170



95.2730, 3.4850, -2.5870



130.3190, 57.4560, -39.0880



26.8900, 11.6930, -8.1710

Inverse Universe

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



128.8760, -28.1090, 19.3390



150.4140, -43.8830, 29.8850



131.6770, -8.0750, 30.7170



88.7270, -3.4850, 2.5870



30.0940, -57.1810, 39.6110



6.1100, -11.6930, 8.1710

Previews

White Background



This preview shows how the YIQ color 178.1240, 28.1090, -19.3390 looks on a white background.

Color Contrast Check

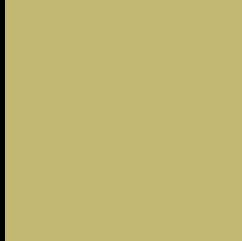
Large Text (above 18pt) WCAG AA × Fail

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 178.1240, 28.1090, -19.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

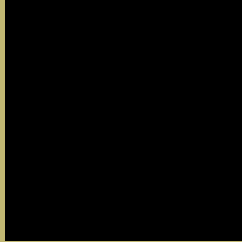
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.1240, 28.1090, -19.3390

Background



This preview shows how black text looks on a background with the YIQ color 178.1240, 28.1090, -19.3390.



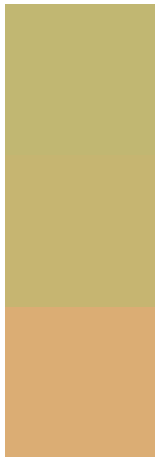
This preview shows how white text looks on a background with the YIQ color 178.1240, 28.1090, -19.3390.

-19.3390.

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

178.1240, 28.1090, -19.3390

Protanopia

178.3310, 31.9600, -17.5440

Deuteranopia

180.2560, 45.7130, -7.9750



Tritanopia

183.6690, 11.5980, 10.0780

Trichromacy



Original Color

178.1240, 28.1090, -19.3390

Protanomaly

178.3200, 30.4930, -18.4910

Deuteranomaly

179.7990, 39.5700, -12.2860

Tritanomaly

181.4550, 17.6520, -0.5240

Monochromacy



Original Color

178.1240, 28.1090, -19.3390

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.0470, 9.8130, -7.1390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1240, 28.1090, -19.3390 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(193, 183, 114)` looks like.

```
.text, #text, p{  
    color:rgb(193, 183, 114)  
}
```

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(193, 183, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 183, 114) }
```

Border

The CSS property to change the border of an element to YIQ 178.1240, 28.1090, -19.3390 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(193, 183, 114) }
```


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

```
.border{ border-color:rgb(193, 183, 114) }
```

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

Here you see how a box with a 4 pixel rgb(193, 183, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 183, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 183, 114);  
box-shadow:4px 4px 4px 4px rgb(193, 183,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1240, 28.1090, -19.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 183, 114) }
```

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

```
.background{ background-color: rgb(193,  
183, 114) }
```

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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