

Converting Colors

YIQ(196.2230, 14.9490,
-12.1150)

Have a look what the booklet for
YIQ(196.2230, 14.9490, -12.1150)
contains.

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Color

**YIQ(196.2230, 14.9490,
-12.1150)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CBC89F |
| RGB | 203, 200, 159 |
| RGB Percent | 80%, 78%, 62% |
| CMY | 0.2039, 0.2157, 0.3764 |
| CMYK | 0.00, 0.01, 0.22, 0.20 |
| HSL | 56°, 30%, 71% |
| HSV | 56°, 22%, 80% |
| XYZ | 51.5413, 56.5078, 41.0020 |
| YIQ | 196.2230, 14.9490, -12.1150 |

Conversions

Conversions Part 2

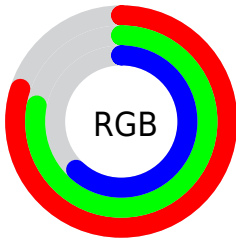
| Format | Color |
|-------------------------------------|--|
| RYB | 162, 203, 159 |
| Decimal | 13355167 |
| CIELab | 79.90, -5.64, 20.92 |
| CIELCh | 80, 21.669, 105.080 |
| Yxy | 56.5078, 0.3458, 0.3791 |
| Android (android.graphics.Color) | 4291545247 (0xFFCBC89F) |
| YUV | 196.2230, -18.3509, 5.9434 |
| Hunter-Lab | 75.1717, -9.1622, 20.2807 |

Details

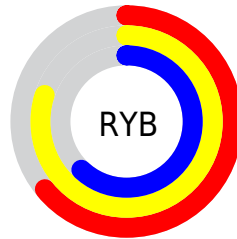
The YIQ color $196.2230, 14.9490, -12.1150$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $165.7770, -14.9490, 12.1150$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.3260, 13.1610, -12.7510$, and $142.1520, 13.7110, -11.7050$ is the 20% darker color. If you saturate the color by 10%, you get $193.3560, 21.6440, -17.8120$, and if you desaturate by 10%, it is $199.0900, 8.2540, -6.4180$.

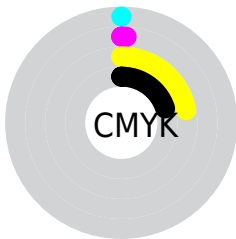
Distribution



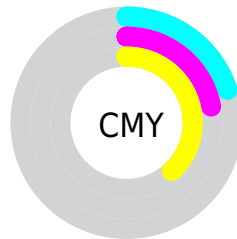
- Red (80%)
- Green (78%)
- Blue (62%)



- Red (64%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.2230, 14.9490, -12.1150 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 196.2230, 14.9490, -12.1150 by changing the saturation by 10% instead.

■ 196.2230, 14.9490,
-12.1150

■ 196.2230, 14.9490,
-12.1150

255.0000, -0.0000,
-0.0000

■ 169.0380, 14.0320,
-12.0160

■ 250.3260, 13.1610,
-12.7510

■ 142.1520, 13.7110,
-11.7050

■ 253.5180, 4.1730,
-4.0430

■ 116.3800, 13.0690,
-11.0830

■ 92.1950, 12.1520,
-10.9840

■ 68.3090, 11.8310,
-10.6730

■ 46.1240, 10.9140,
-10.5740

■ 25.6940, 9.3090,

-9.0190

■ 0.0000, 0.0000,
0.0000

■ 196.2230, 14.9490,
-12.1150

■ 196.2230, 14.9490,
-12.1150

■ 193.3560, 21.6440,
-17.8120

■ 199.0900, 8.2540,
-6.4180

■ 189.7880, 28.9350,
-23.2970

■ 202.6580, 0.9630,
-0.9330

■ 186.9210, 35.6300,
-28.9940

■ 205.5250, -5.7320,
4.7640

■ 183.4670, 42.6000,
-34.1680

■ 208.9790,
-12.7020, 9.9380

■ 180.6000, 49.2950,
-39.8650

■ 211.2760,
-17.7920, 14.0800

■ 177.6190, 56.3110,
-45.8730

■ 211.8630,
-18.0670, 13.5570

■ 174.1650, 63.2810,
-51.0470

■ 213.0370,
-18.6170, 12.5110

■ 171.6400, 69.0130,
-55.8110

■ 213.6240,
-18.8920, 11.9880

■ 214.2110,
-19.1670, 11.4650

Harmonies

Analogous

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



198.2080, 28.4730, -3.9030



196.2230, 14.9490, -12.1150



194.0080, -3.6190, -17.0190

Triad

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



196.2230, 14.9490, -12.1150



191.5140, -42.7300, -7.5460



202.0880, 20.9040, 17.6400

Complementary

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



196.2230, 14.9490, -12.1150



165.7770, -14.9490, 12.1150

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.



201.3940, 2.4270, 16.5950



196.2230, 14.9490, -12.1150



194.6170, -35.3500, 1.8820

Square

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



196.2230, 14.9490, -12.1150



190.3370, -38.0980, -14.4020



198.2820, -17.9290, 11.0550



201.2000, 32.0920, 13.1160

Rectangle

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



196.2230, 14.9490, -12.1150



191.9510, -16.6400, -17.8240



198.2820, -17.9290, 11.0550



201.6790, 14.8060, 18.0220

Sweetspot

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



196.2230, 14.9490, -12.1150



252.7030, 5.0900, -4.1420



172.6120, 24.9400, 10.5720



126.3870, 3.1640, -2.2760



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.



196.2230, 14.9490, -12.1150



244.5410, 22.5610, -17.9110



192.6020, 3.3960, -17.5000



100.2730, 3.4850, -2.5870



140.0320, 56.5860, -45.3500



32.4940, 12.7480, -10.7720

Inverse Universe

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



165.7770, -14.9490, 12.1150



198.8720, -22.2860, 18.4340



169.3980, -3.3960, 17.5000



93.1400, -3.2100, 3.1100



25.3810, -56.3110, 45.8730



6.0930, -13.0230, 10.2490

Previews

White Background



This preview shows how the YIQ color 196.2230, 14.9490, -12.1150 looks on a white background.

Color Contrast Check

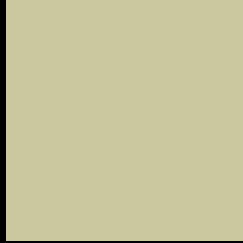
Large Text (above 18pt) WCAG AA × Fail

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 196.2230, 14.9490, -12.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

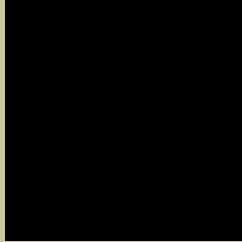
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

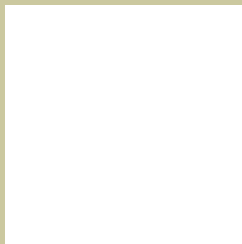
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 196.2230, 14.9490, -12.1150

Background



This preview shows how black text looks on a background with the YIQ color 196.2230, 14.9490, -12.1150.



This preview shows how white text looks on a background with the YIQ color 196.2230, 14.9490, -12.1150.

-12.1150.

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

196.2230, 14.9490, -12.1150

Protanopia

197.0280, 19.9920, -9.8960

Deuteranopia

198.6540, 33.1490, -0.5390



Tritanopia

199.4940, 4.7210, 8.0570

Trichromacy



Original Color

196.2230, 14.9490, -12.1150

Protanomaly

196.7180, 17.9290, -11.0550

Deuteranomaly

197.8980, 26.4100, -5.0620

Tritanomaly

198.6050, 8.4820, 0.4660

Monochromacy



Original Color

196.2230, 14.9490, -12.1150

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.0020, 5.6860, -3.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.2230, 14.9490, -12.1150 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(203, 200, 159)` looks like.

```
.text, #text, p{  
    color:rgb(203, 200, 159)  
}
```

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(203, 200, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 200, 159) }
```

Border

The CSS property to change the border of an element to YIQ 196.2230, 14.9490, -12.1150 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(203, 200, 159) }
```


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

```
.border{ border-color:rgb(203, 200, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 200, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 200, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 200, 159); box-shadow:4px 4px 4px 4px rgb(203, 200, 159) }
```

Background

The CSS property to change the background color of an element to YIQ 196.2230, 14.9490, -12.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 200, 159) }
```

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

```
.background{ background-color: rgb(203,  
200, 159) }
```

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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