

Converting Colors

YIQ(142.6150, 28.8850, -0.3550)

Have a look what the booklet for
YIQ(142.6150, 28.8850, -0.3550)
contains.

YIQ(142.6150, 28.8850, -0.3550)	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(142.6150, 28.8850,
-0.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	AA876E
RGB	170, 135, 110
RGB Percent	67%, 53%, 43%
CMY	0.3333, 0.4706, 0.5685
CMYK	0.00, 0.21, 0.35, 0.33
HSL	25°, 26%, 55%
HSV	25°, 35%, 67%
XYZ	28.0595, 26.9983, 18.4939
YIQ	142.6150, 28.8850, -0.3550

Conversions

Conversions Part 2

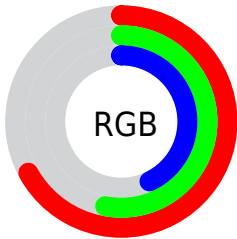
Format	Color
R_{YB}	170, 153, 110
Decimal	11175790
CIE _{Lab}	58.97, 9.77, 18.50
CIE _{LCh}	59, 20.924, 62.165
Yxy	26.9983, 0.3815, 0.3671
Android (android.graphics.Color)	4289365870 (0xFFAA876E)
YUV	142.6150, -16.0792, 24.0166
Hunter-Lab	51.9599, 5.4642, 15.2691

Details

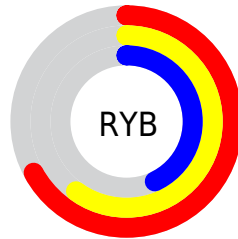
The YIQ color $142.6150, 28.8850, -0.3550$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $137.3850, -28.8850, 0.3550$, and the grayscale version is $143.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $196.3980, 30.9940, -0.0300$, and $91.9460, 26.4550, -0.3690$ is the 20% darker color. If you saturate the color by 10%, you get $134.8070, 37.0920, -0.4120$, and if you desaturate by 10%, it is $150.4230, 20.6780, -0.2980$.

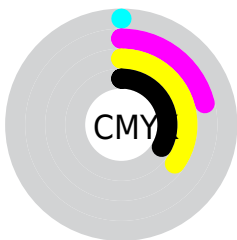
Distribution



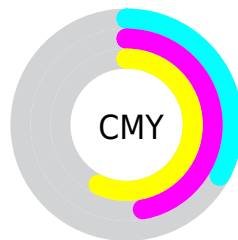
- Red (67%)
- Green (53%)
- Blue (43%)



- Red (67%)
- Yellow (60%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.6150, 28.8850, -0.3550 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 142.6150, 28.8850, -0.3550 by changing the saturation by 10% instead.


 142.6150, 28.8850,
-0.3550


 142.6150, 28.8850,
-0.3550


255.0000, -0.0000,
-0.0000


 117.1310, 27.3720,
-0.4680


 196.3980, 30.9940,
-0.0300


 91.9460, 26.4550,
-0.3690


 224.5830, 31.9110,
-0.1290


 68.1630, 24.3460,
-0.6940

 244.2110, 15.2230,
-6.0650

 45.3800, 22.2370,
-1.0190

 253.8600, 3.2100,
-3.1100

 24.5970, 20.1280,
-1.3440

 4.1860, 8.3440,
2.9680

 0.0000, 0.0000,

0.0000

■ 142.6150, 28.8850,
-0.3550

■ 142.6150, 28.8850,
-0.3550

■ 134.8070, 37.0920,
-0.4120

■ 150.4230, 20.6780,
-0.2980

■ 126.9990, 45.2990,
-0.4690

■ 158.2310, 12.4710,
-0.2410

■ 119.1910, 53.5060,
-0.5260

■ 166.0390, 4.2640,
-0.1840

■ 111.3830, 61.7130,
-0.5830

■ 173.8470, -3.9430,
-0.1270

■ 103.5750, 69.9200,
-0.6400

■ 181.6550,
-12.1500, -0.0700

■ 95.7670, 78.1270,
-0.6970

■ 189.4630,
-20.3570, -0.0130

■ 92.5070, 81.7950,
-1.0930

■ 196.6840,
-28.2890, 0.5670

■ 204.4920,
-36.4960, 0.6240

■ 211.3880,
-42.1350, -1.8070

Harmonies

Analogous

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



143.8530, 31.4510, 8.2110



142.6150, 28.8850, -0.3550



140.7830, 19.3040, -8.4400

Triad

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



142.6150, 28.8850, -0.3550



134.2300, -30.4870, -14.6710



144.0940, -5.5960, 13.3160

Complementary

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



142.6150, 28.8850, -0.3550



137.3850, -28.8850, 0.3550

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.



140.4120, -24.3470, 6.2210



142.6150, 28.8850, -0.3550



134.1890, -40.4370, -10.5570

Square

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



142.6150, 28.8850, -0.3550



136.5600, -13.9810, -16.4530



136.3130, -37.5500, -2.3020



144.9560, 12.4680, 16.3400

Rectangle

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



142.6150, 28.8850, -0.3550



139.5860, 9.4930, -12.3550



136.3130, -37.5500, -2.3020



142.9190, -12.4730, 11.2950

Sweetspot

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



142.6150, 28.8850, -0.3550



210.9320, 11.8750, -0.4530



132.0440, 24.2040, 23.9160



105.7080, 6.6940, -0.1700



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



142.6150, 28.8850, -0.3550



179.1130, 44.9780, -0.1580



159.6380, 20.9100, -15.5220



80.1530, 3.9430, 0.1270



80.6460, 71.1580, -1.0500



10.6760, 9.7200, 0.0560

Inverse Universe

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



137.3850, -28.8850, 0.3550



171.3000, -44.7030, 0.6810



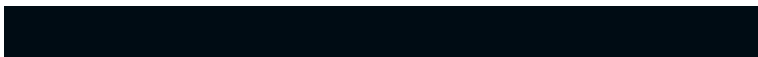
120.3620, -20.9100, 15.5220



79.8470, -3.9430, -0.1270



67.3540, -71.1580, 1.0500



9.3240, -9.7200, -0.0560

Previews

White Background



This preview shows how the YIQ color 142.6150, 28.8850, -0.3550 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6150, 28.8850, -0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

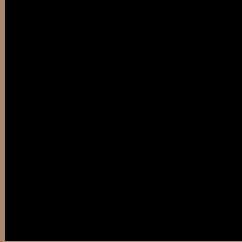
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.6150, 28.8850, -0.3550

Background



This preview shows how black text looks on a background with the YIQ color 142.6150, 28.8850, -0.3550.



This preview shows how white text looks on a background with the YIQ color 142.6150, 28.8850,

-0.3550.

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

142.6150, 28.8850, -0.3550

Protanopia

141.3850, 14.6730, -7.1110

Deuteranopia

142.3050, 26.8220, -1.5140



Tritanopia

144.6980, 21.8220, 12.0140

Trichromacy



Original Color

142.6150, 28.8850, -0.3550

Protanomaly

141.6030, 19.9910, -4.3690

Deuteranomaly

142.6040, 27.4180, -1.3020

Tritanomaly

143.7320, 24.4820, 7.8580

Monochromacy



Original Color

142.6150, 28.8850, -0.3550

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.8610, 10.6370, -0.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.6150, 28.8850, -0.3550 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(170, 135, 110)` looks like.

```
.text, #text, p{  
    color:rgb(170, 135, 110)  
}
```

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(170, 135, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 135, 110) }
```

Border

The CSS property to change the border of an element to YIQ 142.6150, 28.8850, -0.3550 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(170, 135, 110) }
```


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

```
.border{ border-color:rgb(170, 135, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 135, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 135, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 135, 110);  
box-shadow:4px 4px 4px 4px rgb(170, 135,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 142.6150, 28.8850, -0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 135, 110) }
```

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

```
.background{ background-color: rgb(170,  
135, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor