

Converting Colors

YIQ(142.1960, 28.7470, 2.1470)

Have a look what the booklet for
YIQ(142.1960, 28.7470, 2.1470)
contains.

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Color

**YIQ(142.1960, 28.7470,
2.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8572
RGB	171, 133, 114
RGB Percent	67%, 52%, 45%
CMY	0.3293, 0.4785, 0.5528
CMYK	0.00, 0.22, 0.33, 0.33
HSL	20°, 25%, 56%
HSV	20°, 33%, 67%
XYZ	28.2234, 26.6465, 19.5851
YIQ	142.1960, 28.7470, 2.1470

Conversions

Conversions Part 2

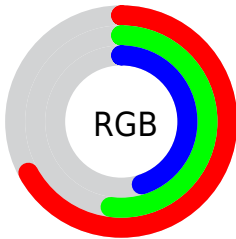
Format	Color
R_{YB}	171, 143, 114
Decimal	11240818
CIE _{Lab}	58.65, 11.83, 15.80
CIE _{LCh}	59, 19.737, 53.187
Yxy	26.6465, 0.3791, 0.3579
Android (android.graphics.Color)	4289430898 (0xFFAB8572)
YUV	142.1960, -13.9006, 25.2611
Hunter-Lab	51.6202, 7.2596, 13.6391

Details

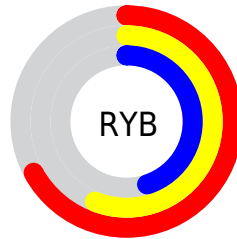
The YIQ color **142.1960, 28.7470, 2.1470** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **142.8040, -28.7470, -2.1470**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.9790, 30.8560, 2.4720**, and **91.2280, 25.7210, 1.9210** is the 20% darker color. If you saturate the color by 10%, you get **133.8010, 37.2290, 2.6130**, and if you desaturate by 10%, it is **150.5910, 20.2650, 1.6810**.

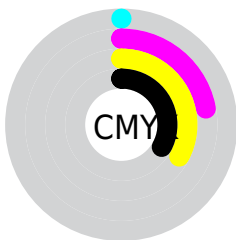
Distribution



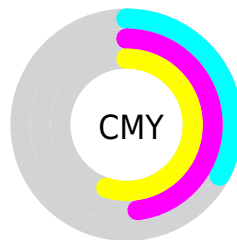
- Red (67%)
- Green (52%)
- Blue (45%)



- Red (67%)
- Yellow (56%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (33%)





- Cyan (33%)
- Magenta (48%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.1960, 28.7470, 2.1470 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 142.1960, 28.7470, 2.1470 by changing the saturation by 10% instead.


 142.1960, 28.7470,
2.1470


 142.1960, 28.7470,
2.1470


255.0000, -0.0000,
-0.0000


 116.5980, 27.5550,
1.7230


 195.9790, 30.8560,
2.4720


 91.5270, 26.3170,
2.1330


 223.8650, 31.1770,
2.1610


 67.7440, 24.2080,
1.8080

 243.4930, 14.4890,
-3.7750

 44.9610, 22.0990,
1.4830

 254.4300, 1.6050,
-1.5550

 24.0210, 21.8700,
0.1260

 4.4850, 8.9400,
3.1800

 0.0000, 0.0000,

0.0000

■ 142.1960, 28.7470,
2.1470

■ 142.1960, 28.7470,
2.1470

■ 133.8010, 37.2290,
2.6130

■ 150.5910, 20.2650,
1.6810

■ 124.8190, 45.9860,
3.6020

■ 159.5730, 11.5080,
0.6920

■ 116.4240, 54.4680,
4.0680

■ 167.9680, 3.0260,
0.2260

■ 107.4420, 63.2250,
5.0570

■ 176.9500, -5.7310,
-0.7630

■ 99.0470, 71.7070,
5.5230

■ 185.4590,
-14.5340, -0.9180

■ 90.5380, 80.5100,
5.6780

■ 193.8540,
-23.0160, -1.3840

■ 84.5880, 86.2410,
6.4410

■ 202.8360,
-31.7730, -2.3730

■ 211.2310,
-40.2550, -2.8390

■ 218.7310,
-44.8390, -7.8710

Harmonies

Analogous

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



143.2380, 28.9290, 9.8650



142.1960, 28.7470, 2.1470



141.0330, 21.5960, -5.9240

Triad

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



142.1960, 28.7470, 2.1470



134.6390, -24.3890, -15.0530



142.2890, -10.6390, 11.0970

Complementary

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



142.1960, 28.7470, 2.1470



142.8040, -28.7470, -2.1470

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.



138.8630, -27.2350, 3.4930



142.1960, 28.7470, 2.1470



133.7010, -36.1270, -11.5750

Square

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



142.1960, 28.7470, 2.1470



136.4360, -7.7000, -14.6440



135.0310, -36.8160, -4.5920



143.7920, 7.0580, 15.2660

Rectangle

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



142.1960, 28.7470, 2.1470



139.2060, 13.6190, -10.0370



135.0310, -36.8160, -4.5920



141.1850, -16.2780, 8.6660

Sweetspot

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



142.1960, 28.7470, 2.1470



210.6870, 11.1870, 1.0030



135.4890, 21.4530, 24.2130



105.2350, 6.6480, 0.6640



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.



142.1960, 28.7470, 2.1470



177.2210, 44.7940, 3.1780



158.6320, 21.0470, -12.4970



82.4520, 4.5390, 0.3390



74.2000, 75.6500, 5.6500



11.5730, 11.5080, 0.6920

Inverse Universe

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



142.8040, -28.7470, -2.1470



177.7790, -44.7940, -3.1780



126.3680, -21.0470, 12.4970



82.5480, -4.5390, -0.3390



75.8000, -75.6500, -5.6500



11.4270, -11.5080, -0.6920

Previews

White Background



This preview shows how the YIQ color 142.1960, 28.7470, 2.1470 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 142.1960, 28.7470, 2.1470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

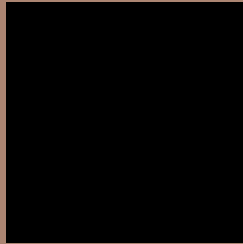
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.1960, 28.7470, 2.1470

Background



This preview shows how black text looks on a background with the YIQ color 142.1960, 28.7470, 2.1470.



This preview shows how white text looks on a background with the YIQ color 142.1960, 28.7470,

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

142.1960, 28.7470, 2.1470

Protanopia

140.7700, 12.1510, -5.4570

Deuteranopia

141.8640, 23.7500, -0.9060



Tritanopia

143.5950, 23.6100, 12.6500

Trichromacy



Original Color

142.1960, 28.7470, 2.1470

Protanomaly

141.2870, 18.0650, -2.5030

Deuteranomaly

142.1740, 25.8130, 0.2530

Tritanomaly

142.8570, 25.6280, 9.1160

Monochromacy



Original Color

142.1960, 28.7470, 2.1470

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.3880, 10.5910, 0.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.1960, 28.7470, 2.1470 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(171, 133, 114)` looks like.

```
.text, #text, p{  
    color:rgb(171, 133, 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(171, 133, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 133, 114) }
```

Border

The CSS property to change the border of an element to YIQ 142.1960, 28.7470, 2.1470 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(171, 133, 114) }
```


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

```
.border{ border-color:rgb(171, 133, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 133, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 133, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 133, 114);  
box-shadow:4px 4px 4px 4px rgb(171, 133,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 142.1960, 28.7470, 2.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 133, 114) }
```

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

```
.background{ background-color: rgb(171,  
133, 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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