

Converting Colors

YIQ(142.0350, 36.4500, 0.2100)

Have a look what the booklet for
YIQ(142.0350, 36.4500, 0.2100)
contains.

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Color

**YIQ(142.0350, 36.4500,
0.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	B18466
RGB	177, 132, 102
RGB Percent	69%, 52%, 40%
CMY	0.3058, 0.4824, 0.5998
CMYK	0.00, 0.25, 0.42, 0.31
HSL	24°, 32%, 55%
HSV	24°, 42%, 69%
XYZ	28.7857, 26.8073, 16.2387
YIQ	142.0350, 36.4500, 0.2100

Conversions

Conversions Part 2

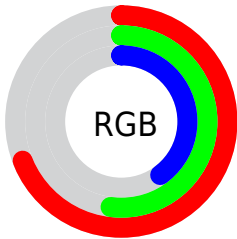
Format	Color
R_{YB}	177, 152, 102
Decimal	11633766
CIE _{Lab}	58.80, 13.38, 22.90
CIE _{LCh}	59, 26.519, 59.696
Yxy	26.8073, 0.4007, 0.3732
Android (android.graphics.Color)	4289823846 (0xFFB18466)
YUV	142.0350, -19.7373, 30.6643
Hunter-Lab	51.7758, 8.6328, 17.6476

Details

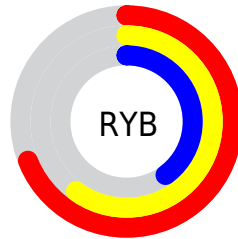
The YIQ color $142.0350, 36.4500, 0.2100$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $136.9650, -36.4500, -0.2100$, and the grayscale version is $142.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $196.0030, 39.4760, 0.4360$, and $90.8820, 32.5070, 0.0830$ is the 20% darker color. If you saturate the color by 10%, you get $133.5260, 45.2530, 0.3650$, and if you desaturate by 10%, it is $150.5440, 27.6470, 0.0550$.

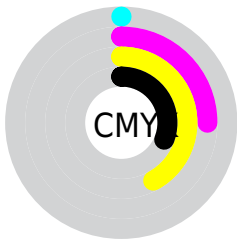
Distribution



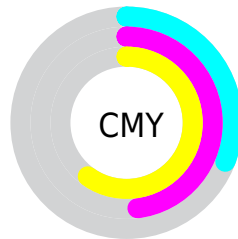
- Red (69%)
- Green (52%)
- Blue (40%)



- Red (69%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (31%)





- Cyan (31%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.0350, 36.4500, 0.2100 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 142.0350, 36.4500, 0.2100 by changing the saturation by 10% instead.


 142.0350, 36.4500,
0.2100


 142.0350, 36.4500,
0.2100


255.0000, -0.0000,
-0.0000


 116.2520, 34.3410,
-0.1150


 196.0030, 39.4760,
0.4360

 90.8820, 32.5070,
0.0830


 221.7960, 35.6250,
-1.3590


 67.0990, 30.3980,
-0.2420

 241.4240, 18.9370,
-7.2950

 44.2020, 28.6100,
-0.8780

 252.8340, 6.0990,
-5.9090

 23.7330, 22.7410,
0.8610

 5.6810, 11.3240,
4.0280

 0.0000, 0.0000,

0.0000

■ 142.0350, 36.4500,
0.2100

■ 142.0350, 36.4500,
0.2100

■ 133.5260, 45.2530,
0.3650

■ 150.5440, 27.6470,
0.0550

■ 125.7180, 53.4600,
0.3080

■ 158.3520, 19.4400,
0.1120

■ 117.2090, 62.2630,
0.4630

■ 166.8610, 10.6370,
-0.0430

■ 108.7000, 71.0660,
0.6180

■ 175.3700, 1.8340,
-0.1980

■ 100.8920, 79.2730,
0.5610

■ 183.2920, -6.6940,
0.1700

■ 94.6000, 85.9670,
0.3910

■ 191.6870,
-15.1760, -0.2960

■ 199.6090,
-23.7040, 0.0720

■ 208.1180,
-32.5070, -0.0830

■ 215.8290,
-39.0630, -2.4150

Harmonies

Analogous

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



143.5550, 38.2820, 11.0660



142.0350, 36.4500, 0.2100



140.2520, 25.1730, -10.1790

Triad

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



142.0350, 36.4500, 0.2100



130.2780, -39.6100, -20.0420



143.6360, -9.9980, 16.0020

Complementary

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



142.0350, 36.4500, 0.2100



136.9650, -36.4500, -0.2100

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.



139.1490, -33.7920, 6.6880



142.0350, 36.4500, 0.2100



128.8280, -55.6580, -15.5460

Square

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



142.0350, 36.4500, 0.2100



134.2560, -16.1810, -20.6370



132.3050, -52.2670, -5.4110



145.0750, 13.7510, 20.6230

Rectangle

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



142.0350, 36.4500, 0.2100



138.6310, 13.6200, -15.5640



132.3050, -52.2670, -5.4110



142.1620, -17.4710, 13.7690

Sweetspot

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



142.0350, 36.4500, 0.2100



216.0140, 14.5800, 0.0840



129.6690, 29.9340, 30.2060



106.3770, 9.1240, -0.1560



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



142.0350, 36.4500, 0.2100



174.8710, 57.4030, 0.4350



163.1670, 26.5500, -18.6180



85.0390, 4.2640, -0.1840



81.5540, 74.4130, 0.5330



13.6440, 12.7460, 0.2820

Inverse Universe

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



136.9650, -36.4500, -0.2100



167.1290, -57.4030, -0.4350



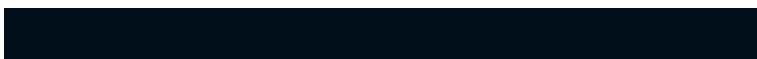
115.8330, -26.5500, 18.6180



84.5480, -4.5390, -0.3390



71.4460, -74.4130, -0.5330



11.7690, -12.4710, 0.2410

Previews

White Background



This preview shows how the YIQ color 142.0350, 36.4500, 0.2100 looks on a white background.

Color Contrast Check

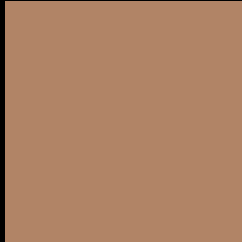
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.0350, 36.4500, 0.2100 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 142.0350, 36.4500, 0.2100

Background



This preview shows how black text looks on a background with the YIQ color 142.0350, 36.4500, 0.2100.



This preview shows how white text looks on a background with the YIQ color 142.0350, 36.4500,

0.2100.

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

142.0350, 36.4500, 0.2100

Protanopia

140.8860, 17.5160, -9.0760

Deuteranopia

141.5780, 30.3070, -4.1010



Tritanopia

143.9870, 28.3780, 14.3460

Trichromacy



Original Color

142.0350, 36.4500, 0.2100

Protanomaly

141.1150, 24.3010, -5.3870

Deuteranomaly

141.8880, 32.3700, -2.9420

Tritanomaly

143.3800, 31.4050, 9.0450

Monochromacy



Original Color

142.0350, 36.4500, 0.2100

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.8290, 13.6630, 0.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.0350, 36.4500, 0.2100 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(177, 132, 102)` looks like.

```
.text, #text, p{  
    color:rgb(177, 132, 102)  
}
```

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(177, 132, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 132, 102) }
```

Border

The CSS property to change the border of an element to YIQ 142.0350, 36.4500, 0.2100 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(177, 132, 102) }
```


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

```
.border{ border-color:rgb(177, 132, 102) }
```

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

Here you see how a box with a 4 pixel rgb(177, 132, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 132, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 132, 102);  
box-shadow:4px 4px 4px 4px rgb(177, 132,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 142.0350, 36.4500, 0.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 132, 102) }
```

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

```
.background{ background-color: rgb(177,  
132, 102) }
```

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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