

Converting Colors

YIQ(113.4850, 35.3030, 4.4790)

Have a look what the booklet for
YIQ(113.4850, 35.3030, 4.4790)
contains.

YIQ(113.4850, 35.3030, 4.4790)	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(113.4850, 35.3030,
4.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	966552
RGB	150, 101, 82
RGB Percent	59%, 40%, 32%
CMY	0.4117, 0.6040, 0.6783
CMYK	0.00, 0.33, 0.45, 0.41
HSL	17°, 29%, 46%
HSV	17°, 45%, 59%
XYZ	18.7588, 16.3997, 10.1673
YIQ	113.4850, 35.3030, 4.4790

Conversions

Conversions Part 2

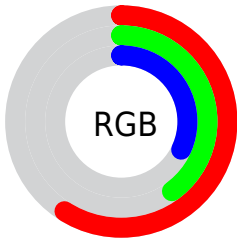
Format	Color
R_{YB}	150, 108, 82
Decimal	9856338
CIE _{Lab}	47.49, 17.43, 18.74
CIE _{LCh}	47, 25.589, 47.075
Yxy	16.3997, 0.4139, 0.3618
Android (android.graphics.Color)	4288046418 (0xFF966552)
YUV	113.4850, -15.5221, 32.0237
Hunter-Lab	40.4966, 11.8156, 13.4619

Details

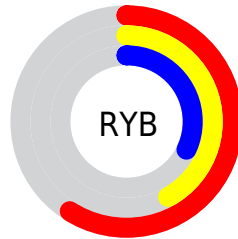
The YIQ color **113.4850, 35.3030, 4.4790** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118.5150, -35.3030, -4.4790**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8660, 38.6040, 5.2280**, and **64.9190, 31.0850, 3.8290** is the 20% darker color. If you saturate the color by 10%, you get **105.3180, 43.1430, 5.5670**, and if you desaturate by 10%, it is **121.6520, 27.4630, 3.3910**.

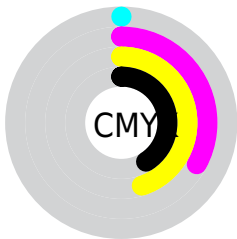
Distribution



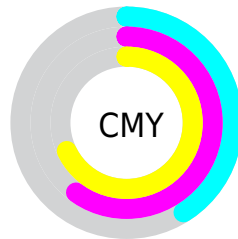
- Red (59%)
- Green (40%)
- Blue (32%)



- Red (59%)
- Yellow (42%)
- Blue (32%)



- Cyan (0%)
- Magenta (33%)
- Yellow (45%)
- Black (41%)





- Cyan (41%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.4850, 35.3030, 4.4790 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 113.4850, 35.3030, 4.4790 by changing the saturation by 10% instead.


 113.4850, 35.3030,
4.4790


 113.4850, 35.3030,
4.4790


255.0000, -0.0000,
-0.0000


 88.7020, 33.1940,
4.1540


 165.8660, 38.6040,
5.2280


 64.9190, 31.0850,
3.8290


 193.3500, 40.1170,
5.3410

 41.8370, 28.3800,
3.2920

 218.8440, 35.6700,
3.3340

 20.5100, 24.9870,
4.2110

 238.3580, 19.3030,
-2.9130

 4.7840, 9.5360,
3.3920

 253.4040, 4.4940,
-4.3540

 0.0000, 0.0000,
0.0000

■ 113.4850, 35.3030,
4.4790

■ 113.4850, 35.3030,
4.4790

■ 105.3180, 43.1430,
5.5670

■ 121.6520, 27.4630,
3.3910

■ 97.1510, 50.9830,
6.6550

■ 129.8190, 19.6230,
2.3030

■ 89.5710, 58.5480,
7.2200

■ 137.3990, 12.0580,
1.7380

■ 81.4040, 66.3880,
8.3080

■ 145.5660, 4.2180,
0.6500

■ 73.2370, 74.2280,
9.3960

■ 153.7330, -3.6220,
-0.4380

■ 69.5040, 77.8500,
9.8340

■ 161.9000,
-11.4620, -1.5260

■ 170.0670,
-19.3020, -2.6140

■ 178.2340,

-27.1420, -3.7020

■ 185.8140,
-34.7070, -4.2670

Harmonies

Analogous

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



114.7980, 33.2840, 13.5400



113.4850, 35.3030, 4.4790



112.1540, 28.5650, -5.5710

Triad

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



113.4850, 35.3030, 4.4790



103.5520, -28.6980, -19.5620



112.6240, -18.8920, 11.9880

Complementary

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



113.4850, 35.3030, 4.4790



118.5150, -35.3030, -4.4790

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.



107.1540, -41.3560, 0.5960



113.4850, 35.3030, 4.4790



98.6990, -50.9810, -17.7090

Square

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



113.4850, 35.3030, 4.4790



107.3990, -6.2780, -18.3900



99.3920, -57.1260, -10.9660



115.8180, 4.1690, 18.0650

Rectangle

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



113.4850, 35.3030, 4.4790



110.7890, 19.1670, -11.4650



99.3920, -57.1260, -10.9660



111.2100, -26.5940, 8.3980

Sweetspot

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



113.4850, 35.3030, 4.4790



179.1820, 14.1670, 2.0630



108.0320, 24.4780, 29.9660



88.0180, 8.7570, 0.9890



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



113.4850, 35.3030, 4.4790



137.4180, 54.6050, 7.0930



132.8560, 26.2280, -12.7800



70.2670, 3.6220, 0.4380



63.5680, 71.7980, 9.3820



4.7510, 5.1350, 0.5510

Inverse Universe

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



118.5150, -35.3030, -4.4790



145.5820, -54.6050, -7.0930



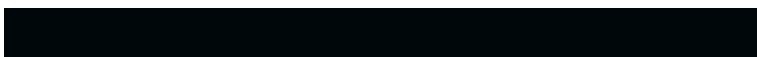
99.1440, -26.2280, 12.7800



70.7330, -3.6220, -0.4380



73.8450, -71.5230, -8.8590



5.2490, -5.1350, -0.5510

Previews

White Background



This preview shows how the YIQ color 113.4850, 35.3030, 4.4790 looks on a white 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

Black Background



This preview shows how the YIQ color 113.4850, 35.3030, 4.4790 looks on a black 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

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

YIQ 113.4850, 35.3030, 4.4790

Background



This preview shows how black text looks on a background with the YIQ color 113.4850, 35.3030, 4.4790.



This preview shows how white text looks on a background with the YIQ color 113.4850, 35.3030,

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

113.4850, 35.3030, 4.4790

Protanopia

112.4280, 13.1140, -6.3900

Deuteranopia

112.6960, 24.1630, -2.8850



Tritanopia

114.9440, 29.9370, 13.6250

Trichromacy



Original Color

113.4850, 35.3030, 4.4790

Protanomaly

113.1410, 21.4120, -2.5880

Deuteranomaly

112.7290, 28.5640, -0.0440

Tritanomaly

114.3200, 31.6340, 10.4020

Monochromacy



Original Color

113.4850, 35.3030, 4.4790

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.2850, 12.3790, 1.4270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.4850, 35.3030, 4.4790 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(150, 101, 82)` looks like.

```
.text, #text, p{  
    color:rgb(150, 101, 82)  
}
```

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(150, 101, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 101, 82) }
```

Border

The CSS property to change the border of an element to YIQ 113.4850, 35.3030, 4.4790 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(150, 101, 82) }
```


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

```
.border{ border-color:rgb(150, 101, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 101, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 101, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 101, 82);  
box-shadow:4px 4px 4px 4px rgb(150, 101,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 113.4850, 35.3030, 4.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 101, 82) }
```

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

```
.background{ background-color: rgb(150,  
101, 82) }
```

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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