

Converting Colors

YIQ(113.2450, 36.2190, 9.9070)

Have a look what the booklet for
YIQ(113.2450, 36.2190, 9.9070)
contains.

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Color

**YIQ(113.2450, 36.2190,
9.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	9A615A
RGB	154, 97, 90
RGB Percent	60%, 38%, 35%
CMY	0.3959, 0.6197, 0.6469
CMYK	0.00, 0.37, 0.42, 0.40
HSL	7°, 26%, 48%
HSV	7°, 42%, 60%
XYZ	19.4524, 16.1571, 11.7747
YIQ	113.2450, 36.2190, 9.9070

Conversions

Conversions Part 2

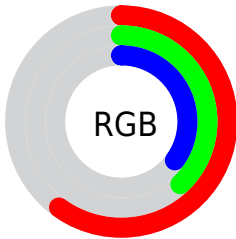
Format	Color
R_{YB}	154, 98, 90
Decimal	10117466
CIE Lab	47.18, 22.33, 13.65
CIE LCh	47, 26.168, 31.430
Yxy	16.1571, 0.4105, 0.3410
Android (android.graphics.Color)	4288307546 (0xFF9A615A)
YUV	113.2450, -11.4598, 35.7421
Hunter-Lab	40.1959, 16.0403, 10.7691

Details

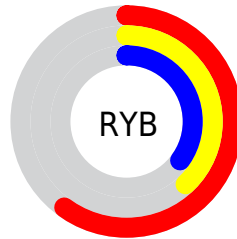
The YIQ color **113.2450, 36.2190, 9.9070** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.7550, -36.2190, -9.9070**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6260, 39.5200, 10.6560**, and **64.2660, 31.7260, 8.7340** is the 20% darker color. If you saturate the color by 10%, you get **103.3170, 44.8840, 12.5640**, and if you desaturate by 10%, it is **123.1730, 27.5540, 7.2500**.

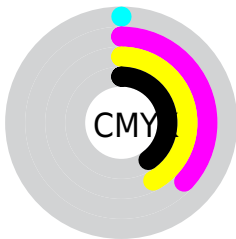
Distribution



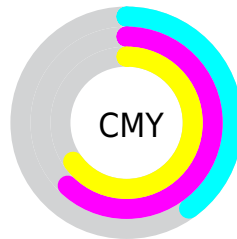
- Red (60%)
- Green (38%)
- Blue (35%)



- Red (60%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (42%)
- Black (40%)





- Cyan (40%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.2450, 36.2190, 9.9070 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 113.2450, 36.2190, 9.9070 by changing the saturation by 10% instead.


 113.2450, 36.2190,
9.9070


 113.2450, 36.2190,
9.9070


255.0000, -0.0000,
-0.0000


 88.4620, 34.1100,
9.5820


 165.6260, 39.5200,
10.6560


 63.6790, 32.0010,
9.2570


 193.1100, 41.0330,
10.7690


 41.0100, 29.5710,
9.2430


 217.5220, 33.8810,
8.2250

 18.1840, 29.0210,
8.1970

 237.1500, 17.1930,
2.2890

 6.5780, 13.1120,
4.6640

 254.4300, 1.6050,
-1.5550

 0.0000, 0.0000,
0.0000

■ 113.2450, 36.2190,
9.9070

■ 113.2450, 36.2190,
9.9070

■ 103.3170, 44.8840,
12.5640

■ 123.1730, 27.5540,
7.2500

■ 93.8620, 53.5950,
14.3870

■ 132.6280, 18.8430,
5.4270

■ 83.9340, 62.2600,
17.0440

■ 142.5560, 10.1780,
2.7700

■ 73.8920, 71.2460,
19.3900

■ 152.5980, 1.1920,
0.4240

■ 63.9640, 79.9110,
22.0470

■ 162.5260, -7.4730,
-2.2330

■ 56.0250, 87.1090,
23.7570

■ 171.8670,
-15.8630, -4.3670

■ 181.9090,
-24.8490, -6.7130

■ 191.8370,

-33.5140, -9.3700

■ 201.8790,
-42.5000, -11.7160

Harmonies

Analogous

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



114.2800, 29.1110, 17.5830



113.2450, 36.2190, 9.9070



111.9530, 33.7450, -0.3270

Triad

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



113.2450, 36.2190, 9.9070



104.5980, -17.1440, -19.7040



109.5190, -31.9580, 6.4900

Complementary

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



113.2450, 36.2190, 9.9070



130.7550, -36.2190, -9.9070

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.



101.5930, -53.1380, -6.1460



113.2450, 36.2190, 9.9070



99.9080, -41.4440, -19.8440

Square

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



113.2450, 36.2190, 9.9070



107.6130, 4.8630, -16.5530



95.8490, -60.1510, -16.7190



113.8920, -7.8430, 15.4930

Rectangle

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



113.2450, 36.2190, 9.9070



110.6160, 27.1440, -7.3520



95.8490, -60.1510, -16.7190



106.6920, -39.9350, 2.3770

Sweetspot

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



113.2450, 36.2190, 9.9070



185.9370, 13.4790, 3.5190



115.7480, 19.5260, 31.6060



92.7730, 8.0690, 2.4450



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



113.2450, 36.2190, 9.9070



137.3570, 56.5750, 15.4470



131.4420, 27.6940, -6.3060



71.9790, 4.4930, 1.1730



50.6650, 79.3150, 21.8350



4.4740, 7.4730, 2.2330

Inverse Universe

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



130.7550, -36.2190, -9.9070



165.2300, -56.8500, -15.9700



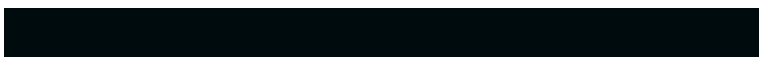
112.5580, -27.6940, 6.3060



74.0210, -4.4930, -1.1730



89.3350, -79.3150, -21.8350



7.9390, -7.1980, -1.7100

Previews

White Background



This preview shows how the YIQ color 113.2450, 36.2190, 9.9070 looks on a white background.

Color Contrast Check

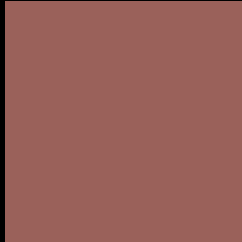
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.2450, 36.2190, 9.9070 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 113.2450, 36.2190, 9.9070

Background



This preview shows how black text looks on a background with the YIQ color 113.2450, 36.2190, 9.9070.

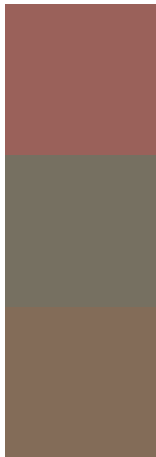


This preview shows how white text looks on a background with the YIQ color 113.2450, 36.2190,

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

113.2450, 36.2190, 9.9070

Protanopia

112.0840, 8.3910, -3.3930

Deuteranopia

112.5970, 20.1280, -1.3440



Tritanopia

113.7380, 33.5130, 14.8970

Trichromacy



Original Color

113.2450, 36.2190, 9.9070

Protanomaly

112.6940, 18.4770, 1.0450

Deuteranomaly

112.7550, 25.6750, 2.7550

Tritanomaly

113.8690, 34.5220, 13.1300

Monochromacy



Original Color

113.2450, 36.2190, 9.9070

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.0510, 13.1580, 3.8300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.2450, 36.2190, 9.9070 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(154, 97, 90)` looks like.

```
.text, #text, p{  
    color:rgb(154, 97, 90)  
}
```

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(154, 97, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 97, 90) }
```

Border

The CSS property to change the border of an element to YIQ 113.2450, 36.2190, 9.9070 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(154, 97, 90) }
```


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

```
.border{ border-color:rgb(154, 97, 90) }
```

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

Here you see how a box with a 4 pixel rgb(154, 97, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 97, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 97, 90);  
box-shadow:4px 4px 4px 4px rgb(154, 97,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 113.2450, 36.2190, 9.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 97, 90) }
```

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

```
.background{ background-color: rgb(154, 97,  
90) }
```

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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