

Converting Colors

YIQ(114.6940, 36.8130, 21.1730)

Have a look what the booklet for
YIQ(114.6940, 36.8130, 21.1730)
contains.

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Color

**YIQ(114.6940, 36.8130,
21.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	A35B6E
RGB	163, 91, 110
RGB Percent	64%, 36%, 43%
CMY	0.3606, 0.6432, 0.5685
CMYK	0.00, 0.44, 0.33, 0.36
HSL	344°, 28%, 50%
HSV	344°, 44%, 64%
XYZ	21.6686, 16.3950, 16.7839
YIQ	114.6940, 36.8130, 21.1730

Conversions

Conversions Part 2

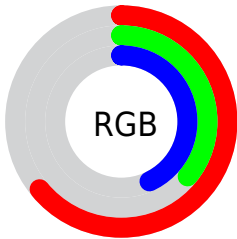
Format	Color
R_{YB}	163, 91, 110
Decimal	10705774
CIE _{Lab}	47.49, 31.79, 2.23
CIE _{LCh}	47, 31.867, 4.007
Yxy	16.3950, 0.3951, 0.2989
Android (android.graphics.Color)	4288895854 (0xFFA35B6E)
YUV	114.6940, -2.3141, 42.3644
Hunter-Lab	40.4907, 24.6656, 3.7671

Details

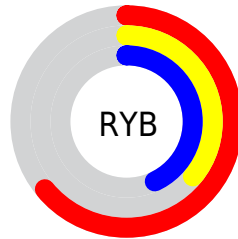
The YIQ color **114.6940, 36.8130, 21.1730** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **139.3060, -36.8130, -21.1730**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.0750, 40.1140, 21.9220**, and **64.4270, 33.1910, 20.7350** is the 20% darker color. If you saturate the color by 10%, you get **103.9340, 45.0650, 25.8090**, and if you desaturate by 10%, it is **125.4540, 28.5610, 16.5370**.

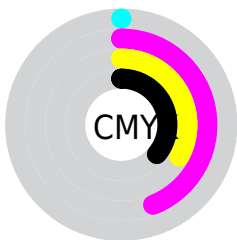
Distribution



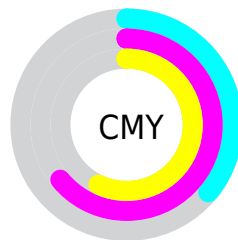
- Red (64%)
- Green (36%)
- Blue (43%)



- Red (64%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (36%)





- Cyan (36%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.6940, 36.8130, 21.1730 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 114.6940, 36.8130, 21.1730 by changing the saturation by 10% instead.


 114.6940, 36.8130,
21.1730


 114.6940, 36.8130,
21.1730


255.0000, -0.0000,
-0.0000


 89.2100, 35.3000,
21.0600


 168.1890, 39.7930,
22.2330


 64.4270, 33.1910,
20.7350


 195.0860, 41.5810,
22.8690

 40.0570, 31.3570,
20.9330


 216.5080, 28.4690,
18.2050

 19.3230, 27.5520,
18.3040

 236.2500, 11.4600,
12.5800

 10.5790, 20.5390,
7.7310

254.4130, 0.2750,
0.5230

 0.0000, 0.0000,
0.0000

■ 114.6940, 36.8130,
21.1730

■ 114.6940, 36.8130,
21.1730

■ 103.9340, 45.0650,
25.8090

■ 125.4540, 28.5610,
16.5370

■ 92.5870, 53.5920,
30.9680

■ 136.8010, 20.0340,
11.3780

■ 81.8270, 61.8440,
35.6040

■ 147.5610, 11.7820,
6.7420

■ 71.0670, 70.0960,
40.2400

■ 158.3210, 3.5300,
2.1060

■ 59.7200, 78.6230,
45.3990

■ 169.0810, -4.7220,
-2.5300


■ 53.6390, 83.3450,
47.9290

■ 180.4280,
-13.2490, -7.6890

■ 191.1880,
-21.5010, -12.3250

■ 201.9480,

-29.7530, -16.9610

 213.2950,
-38.2800, -22.1200

Harmonies

Analogous

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



115.9340, 18.7020, 24.5100



114.6940, 36.8130, 21.1730



113.1920, 43.7380, 11.3060

Triad

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



114.6940, 36.8130, 21.1730



107.3800, 3.9010, -21.1470



90.7510, -83.1220, -13.4100

Complementary

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



114.6940, 36.8130, 21.1730



139.3060, -36.8130, -21.1730

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.



90.1500, -80.2320, -21.7360



114.6940, 36.8130, 21.1730



102.5430, -24.4790, -24.4390

Square

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



114.6940, 36.8130, 21.1730



110.0300, 25.6780, -13.8260



89.7520, -67.6680, -29.1720



108.8650, -38.7440, 8.3280

Rectangle

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



114.6940, 36.8130, 21.1730



112.7260, 41.8140, 2.1180



89.7520, -67.6680, -29.1720



89.8710, -83.5800, -16.1240

Sweetspot

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



114.6940, 36.8130, 21.1730



193.1700, 14.4410, 8.1130



115.0550, 8.4760, 33.6280



95.5390, 8.8480, 4.8480



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



114.6940, 36.8130, 21.1730



136.2070, 57.7180, 33.2860



122.5070, 38.2370, 6.3730



76.0330, 4.4010, 2.8410



47.6870, 74.2220, 42.5580



5.9520, 9.1230, 5.3710

Inverse Universe

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



114.6940, 36.8130, 21.1730



136.2070, 57.7180, 33.2860



131.4930, -38.2370, -6.3730



76.0330, 4.4010, 2.8410



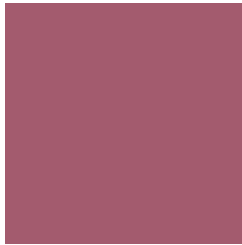
47.6870, 74.2220, 42.5580



5.9520, 9.1230, 5.3710

Previews

White Background



This preview shows how the YIQ color 114.6940, 36.8130, 21.1730 looks on a white background.

Color Contrast Check

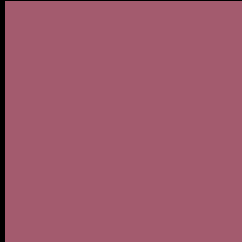
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.6940, 36.8130, 21.1730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

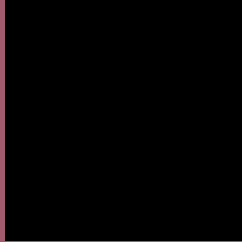
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.6940, 36.8130, 21.1730

Background



This preview shows how black text looks on a background with the YIQ color 114.6940, 36.8130, 21.1730.



This preview shows how white text looks on a background with the YIQ color 114.6940, 36.8130,

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

114.6940, 36.8130, 21.1730

Protanopia

113.2540, -3.5310, 3.4210

Deuteranopia

113.8550, 10.7740, 2.9820



Tritanopia

114.4290, 38.8770, 16.8050

Trichromacy



Original Color

114.6940, 36.8130, 21.1730

Protanomaly

113.6690, 11.5980, 10.0780

Deuteranomaly

113.7470, 20.1260, 9.7100

Tritanomaly

114.2980, 37.8680, 18.5720

Monochromacy



Original Color

114.6940, 36.8130, 21.1730

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.5720, 13.2490, 7.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.6940, 36.8130, 21.1730 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(163, 91, 110)` looks like.

```
.text, #text, p{  
    color:rgb(163, 91, 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(163, 91, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 91, 110) }
```

Border

The CSS property to change the border of an element to YIQ 114.6940, 36.8130, 21.1730 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(163, 91, 110) }
```


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

```
.border{ border-color:rgb(163, 91, 110) }
```

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

Here you see how a box with a 4 pixel rgb(163, 91, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 91, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 91, 110);  
box-shadow:4px 4px 4px 4px rgb(163, 91,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 114.6940, 36.8130, 21.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 91, 110) }
```

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

```
.background{ background-color: rgb(163, 91,  
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](#).

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