

Converting Colors

YIQ(114.9390, 36.3600, -9.1760)

Have a look what the booklet for
YIQ(114.9390, 36.3600, -9.1760)
contains.

YIQ(114.9390, 36.3600, -9.1760)	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(114.9390, 36.3600,
-9.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	906F3B
RGB	144, 111, 59
RGB Percent	56%, 44%, 23%
CMY	0.4352, 0.5647, 0.7684
CMYK	0.00, 0.23, 0.59, 0.44
HSL	37°, 42%, 40%
HSV	37°, 59%, 56%
XYZ	17.9772, 17.6124, 6.5961
YIQ	114.9390, 36.3600, -9.1760

Conversions

Conversions Part 2

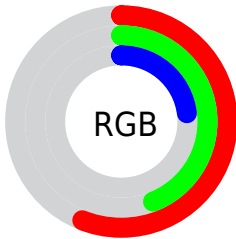
Format	Color
R_{YB}	113, 144, 59
Decimal	9465659
CIE _{Lab}	49.02, 6.74, 33.56
CIE _{LCh}	49, 34.229, 78.643
Yxy	17.6124, 0.4261, 0.4175
Android (android.graphics.Color)	4287655739 (0xFF906F3B)
YUV	114.9390, -27.5779, 25.4865
Hunter-Lab	41.9672, 3.0204, 20.0582

Details

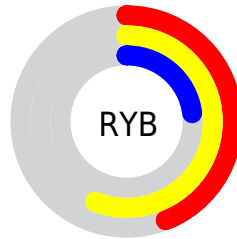
The YIQ color **114.9390, 36.3600, -9.1760** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **88.0610, -36.3600, 9.1760**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7930, 39.7070, -9.2610**, and **66.1450, 32.7840, -10.4480** is the 20% darker color. If you saturate the color by 10%, you get **109.8210, 42.5040, -10.3920**, and if you desaturate by 10%, it is **120.0570, 30.2160, -7.9600**.

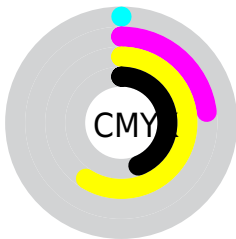
Distribution



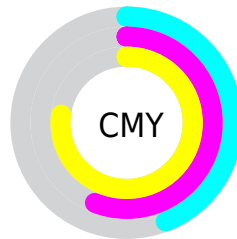
- Red (56%)
- Green (44%)
- Blue (23%)



- Red (44%)
- Yellow (56%)
- Blue (23%)



- Cyan (0%)
- Magenta (23%)
- Yellow (59%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.9390, 36.3600, -9.1760 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 114.9390, 36.3600, -9.1760 by changing the saturation by 10% instead.

■ 114.9390, 36.3600,
-9.1760

■ 114.9390, 36.3600,
-9.1760

■ 255.0000, -0.0000,
-0.0000

■ 90.1560, 34.2510,
-9.5010

■ 167.2060, 39.9820,
-8.7380

■ 66.1450, 32.7840,
-10.4480

■ 195.2770, 41.2200,
-9.1480

■ 44.3880, 27.7860,
-7.9740

■ 221.8640, 40.9450,
-9.6710

■ 24.2870, 18.0650,
-2.5030

■ 241.9650, 24.3030,
-16.4410

■ 2.0930, 4.1720,
1.4840

■ 250.4400, 12.8400,
-12.4400

■ 0.0000, 0.0000,
0.0000

■ 253.7460, 3.5310,

-3.4210

■ 114.9390, 36.3600,
-9.1760

■ 114.9390, 36.3600,
-9.1760

■ 109.8210, 42.5040,
-10.3920

■ 120.0570, 30.2160,
-7.9600

■ 105.1760, 48.6940,
-12.4420

■ 124.7020, 24.0260,
-5.9100

■ 100.0580, 54.8380,
-13.6580

■ 129.8200, 17.8820,
-4.6940

■ 95.4130, 61.0280,
-15.7080

■ 134.4650, 11.6920,
-2.6440

■ 94.7120, 61.6240,
-15.4960

■ 139.5830, 5.5480,
-1.4280

■ 144.7010, -0.5960,
-0.2120

■ 149.3460, -6.7860,
1.8380

■ 154.4640,
-12.9300, 3.0540

■ 159.1090,
-19.1200, 5.1040

Harmonies

Analogous

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



116.7590, 46.2150, 4.9590



114.9390, 36.3600, -9.1760



112.2630, 17.4720, -19.2960

Triad

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



114.9390, 36.3600, -9.1760



92.1730, -79.0390, -26.8390



120.0020, 6.8270, 24.9630

Complementary

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



114.9390, 36.3600, -9.1760



88.0610, -36.3600, 9.1760

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.



116.3230, -25.1740, 15.7060



114.9390, 36.3600, -9.1760



93.8490, -86.5140, -18.0180

Square

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



114.9390, 36.3600, -9.1760



100.4140, -46.1650, -27.9010



104.7800, -63.7300, -1.4100



119.2190, 31.0810, 25.9370

Rectangle

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



114.9390, 36.3600, -9.1760



109.7600, -0.2250, -23.4650



104.7800, -63.7300, -1.4100



119.5600, -3.6720, 22.5040

Sweetspot

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



114.9390, 36.3600, -9.1760



174.6070, 14.1680, -3.4640



88.2910, 39.7460, 28.5940



87.0240, 8.6200, -2.0360



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



114.9390, 36.3600, -9.1760



141.0150, 56.3970, -14.3790



131.9180, 22.5170, -28.1310



69.0280, 2.7970, -1.1310



89.0860, 57.6350, -14.7890



5.3270, 3.3930, -0.9190

Inverse Universe

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



88.0610, -36.3600, 9.1760



98.9850, -56.3970, 14.3790



71.3810, -21.9210, 28.3430



66.5590, -3.0720, 0.6080



46.5010, -57.9100, 14.2660



2.6730, -3.3930, 0.9190

Previews

White Background



This preview shows how the YIQ color 114.9390, 36.3600, -9.1760 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 114.9390, 36.3600, -9.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

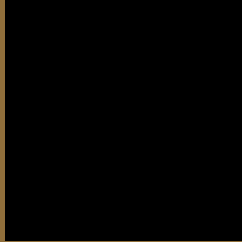
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.9390, 36.3600, -9.1760

Background



This preview shows how black text looks on a background with the YIQ color 114.9390, 36.3600, -9.1760.



This preview shows how white text looks on a background with the YIQ color 114.9390, 36.3600, -9.1760.

-9.1760.

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

114.9390, 36.3600, -9.1760

Protanopia

114.2040, 25.1280, -14.8720

Deuteranopia

114.9390, 36.3600, -9.1760



Tritanopia

118.7690, 23.0600, 11.6040

Trichromacy



Original Color

114.9390, 36.3600, -9.1760

Protanomaly

114.4110, 28.9790, -13.0770

Deuteranomaly

114.9390, 36.3600, -9.1760

Tritanomaly

117.3640, 28.3340, 4.1260

Monochromacy



Original Color

114.9390, 36.3600, -9.1760

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.4220, 13.2510, -3.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9390, 36.3600, -9.1760 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(144, 111, 59)` looks like.

```
.text, #text, p{  
    color:rgb(144, 111, 59)  
}
```

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(144, 111, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 111, 59) }
```

Border

The CSS property to change the border of an element to YIQ 114.9390, 36.3600, -9.1760 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(144, 111, 59) }
```


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

```
.border{ border-color:rgb(144, 111, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 111, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 111, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 111, 59);  
box-shadow:4px 4px 4px 4px rgb(144, 111,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9390, 36.3600, -9.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 111, 59) }
```

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

```
.background{ background-color: rgb(144,  
111, 59) }
```

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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