

Converting Colors

YIQ(113.5940, 41.4050,
-18.0110)

Have a look what the booklet for
YIQ(113.5940, 41.4050, -18.0110)
contains.

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Color

**YIQ(113.5940, 41.4050,
-18.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7225
RGB	142, 114, 37
RGB Percent	56%, 45%, 15%
CMY	0.4431, 0.5530, 0.8547
CMYK	0.00, 0.20, 0.74, 0.44
HSL	44°, 59%, 35%
HSV	44°, 74%, 56%
XYZ	17.5069, 17.9171, 4.2906
YIQ	113.5940, 41.4050, -18.0110

Conversions

Conversions Part 2

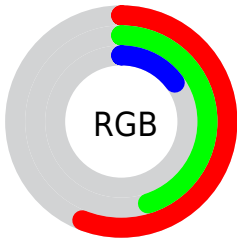
Format	Color
R_{YB}	75, 142, 37
Decimal	9335333
CIE Lab	49.40, 2.61, 44.69
CIE LCh	49, 44.768, 86.659
Yxy	17.9171, 0.4408, 0.4511
Android (android.graphics.Color)	4287525413 (0xFF8E7225)
YUV	113.5940, -37.7608, 24.9121
Hunter-Lab	42.3285, -0.2480, 23.6201

Details

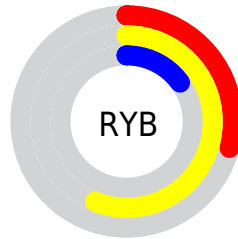
The YIQ color **113.5940, 41.4050, -18.0110** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **65.4060, -41.4050, 18.0110**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8610, 45.0270, -17.5730**, and **65.0540, 34.2980, -15.8620** is the 20% darker color. If you saturate the color by 10%, you get **109.6500, 46.9990, -20.2730**, and if you desaturate by 10%, it is **117.5380, 35.8110, -15.7490**.

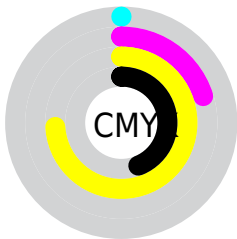
Distribution



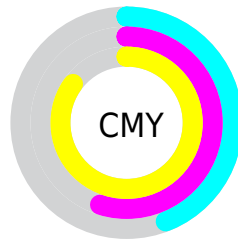
- Red (56%)
- Green (45%)
- Blue (15%)



- Red (29%)
- Yellow (56%)
- Blue (15%)



- Cyan (0%)
- Magenta (20%)
- Yellow (74%)
- Black (44%)



- Cyan (44%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.5940, 41.4050, -18.0110 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 113.5940, 41.4050, -18.0110 by changing the saturation by 10% instead.

■ 113.5940, 41.4050,
-18.0110

■ 113.5940, 41.4050,
-18.0110

■ 255.0000, -0.0000,
-0.0000

■ 88.2410, 40.9010,
-19.8910

■ 166.8610, 45.0270,
-17.5730

■ 65.0540, 34.2980,
-15.8620

■ 194.3450, 46.5400,
-17.4600

■ 44.9530, 24.5770,
-10.3910

■ 221.2310, 46.8610,
-17.7710

■ 25.1510, 15.4520,
-4.7080

■ 241.3320, 30.2190,
-24.5410

■ 0.0000, 0.0000,
0.0000

■ 247.9320, 19.9020,
-19.2820

■ 251.2380, 10.5930,

-10.2630

254.5440, 1.2840,
-1.2440

■ 113.5940, 41.4050,
-18.0110

■ 113.5940, 41.4050,
-18.0110

■ 109.6500, 46.9990,
-20.2730

■ 117.5380, 35.8110,
-15.7490

■ 105.7060, 52.5930,
-22.5350

■ 121.4820, 30.2170,
-13.4870

■ 103.5060, 56.0320,
-24.2880

■ 124.9530, 24.5770,
-10.3910

■ 128.8970, 18.9830,
-8.1290

■ 132.8410, 13.3890,
-5.8670

■ 136.7850, 7.7950,
-3.6050

■ 140.7290, 2.2010,
-1.3430

■ 144.2000, -3.4390,
1.7530

■ 148.1440, -9.0330,
4.0150

Harmonies

Analogous

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



115.9850, 57.0820, 0.7460



113.5940, 41.4050, -18.0110



109.9000, 13.7600, -29.1200

Triad

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



113.5940, 41.4050, -18.0110



96.9320, -85.5500, -24.4780



121.2580, 18.1500, 34.5180

Complementary

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



113.5940, 41.4050, -18.0110



65.4060, -41.4050, 18.0110

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.



118.5610, -22.6080, 24.2720



113.5940, 41.4050, -18.0110



98.0040, -94.0800, -13.0560

Square

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



113.5940, 41.4050, -18.0110



92.6000, -73.3520, -36.2960



94.2030, -95.7780, -4.3060



118.3460, 47.0810, 33.3290

Rectangle

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



113.5940, 41.4050, -18.0110



105.6180, -11.8690, -32.7090



94.2030, -95.7780, -4.3060



121.4460, 5.8170, 32.2570

Sweetspot

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



113.5940, 41.4050, -18.0110



172.8690, 16.1860, -6.9980



71.8150, 52.9500, 31.5900



85.1550, 9.6290, -3.8030



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



113.5940, 41.4050, -18.0110



139.4760, 64.7440, -27.9920



123.1530, 19.9970, -37.5310



69.0280, 2.7970, -1.1310



98.4780, 53.2350, -23.1570



5.9140, 3.1180, -1.4420

Inverse Universe

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



65.4060, -41.4050, 18.0110



64.5240, -64.7440, 27.9920



55.8470, -19.9970, 37.5310



65.9720, -2.7970, 1.1310



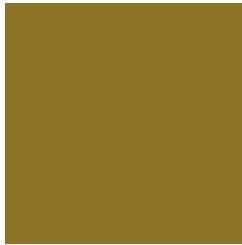
36.5220, -53.2350, 23.1570



2.0860, -3.1180, 1.4420

Previews

White Background



This preview shows how the YIQ color 113.5940, 41.4050, -18.0110 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 113.5940, 41.4050, -18.0110 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 113.5940, 41.4050, -18.0110

Background



This preview shows how black text looks on a background with the YIQ color 113.5940, 41.4050, -18.0110.



This preview shows how white text looks on a background with the YIQ color 113.5940, 41.4050,

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

113.5940, 41.4050, -18.0110

Protanopia

113.0660, 34.0240, -21.9120

Deuteranopia

114.0290, 44.6140, -15.5940



Tritanopia

119.8720, 21.2720, 10.9680

Trichromacy



Original Color

113.5940, 41.4050, -18.0110

Protanomaly

113.6750, 36.6830, -20.5410

Deuteranomaly

114.0180, 43.1470, -16.5410

Tritanomaly

117.8430, 28.2430, 0.2670

Monochromacy



Original Color

113.5940, 41.4050, -18.0110

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7980, 14.9480, -6.5880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.5940, 41.4050, -18.0110 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(142, 114, 37)` looks like.

```
.text, #text, p{  
    color:rgb(142, 114, 37)  
}
```

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(142, 114, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 114, 37) }
```

Border

The CSS property to change the border of an element to YIQ 113.5940, 41.4050, -18.0110 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(142, 114, 37) }
```


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

```
.border{ border-color:rgb(142, 114, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 114, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 114, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 114, 37);  
box-shadow:4px 4px 4px 4px rgb(142, 114,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 113.5940, 41.4050, -18.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 114, 37) }
```

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

```
.background{ background-color: rgb(142,  
114, 37) }
```

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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