

Converting Colors

YIQ(86.4050, 64.6470, 1.3110)

Have a look what the booklet for
YIQ(86.4050, 64.6470, 1.3110)
contains.

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Color

**YIQ(86.4050, 64.6470,
1.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	954411
RGB	149, 68, 17
RGB Percent	58%, 27%, 7%
CMY	0.4155, 0.7334, 0.9330
CMYK	0.00, 0.54, 0.89, 0.42
HSL	23°, 79%, 33%
HSV	23°, 89%, 58%
XYZ	14.5687, 10.5642, 1.8047
YIQ	86.4050, 64.6470, 1.3110

Conversions

Conversions Part 2

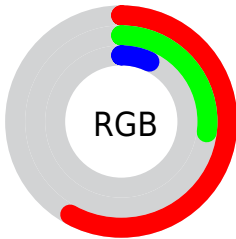
Format	Color
R_{YB}	149, 100, 17
Decimal	9782289
CIE Lab	38.84, 31.22, 43.55
CIE LCh	39, 53.588, 54.364
Yxy	10.5642, 0.5408, 0.3922
Android (android.graphics.Color)	4287972369 (0xFF954411)
YUV	86.4050, -34.2167, 54.8958
Hunter-Lab	32.5027, 23.1297, 19.4599

Details

The YIQ color **86.4050, 64.6470, 1.3110** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **79.5950, -64.6470, -1.3110**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.2810, 70.9280, 3.1200**, and **38.9490, 48.7360, 8.8320** is the 20% darker color. If you saturate the color by 10%, you get **79.4120, 71.9370, 1.3530**, and if you desaturate by 10%, it is **93.3980, 57.3570, 1.2690**.

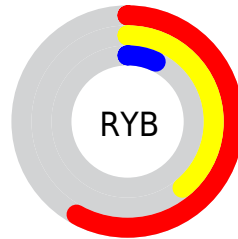
Distribution



Red (58%)

Green (27%)

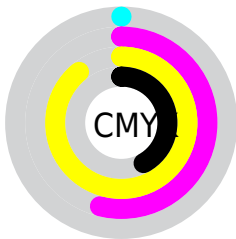
Blue (7%)



Red (58%)

Yellow (39%)

Blue (7%)

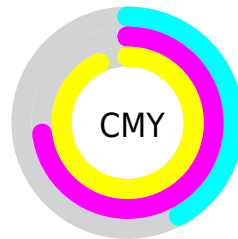


Cyan (0%)

Magenta (54%)

Yellow (89%)

Black (42%)



Cyan (42%)

Magenta (73%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.4050, 64.6470, 1.3110 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 86.4050, 64.6470, 1.3110 by changing the saturation by 10% instead.

86.4050, 64.6470,
1.3110

86.4050, 64.6470,
1.3110

254.7720, 0.6420,
-0.6220

61.7080, 59.4200,
2.4280

139.2810, 70.9280,
3.1200

38.9490, 48.7360,
8.8320

166.2490, 73.9540,
3.3460

18.8370, 37.5480,
13.3560

189.7320, 68.0400,
0.3920

11.7750, 22.9230,
8.5790

209.2460, 51.6730,
-5.8550

0.0000, 0.0000,
0.0000

228.6460, 35.6270,
-12.4130

248.2740, 18.9390,

-18.3490

■ 251.4660, 9.9510,
-9.6410

■ 86.4050, 64.6470,
1.3110

■ 86.4050, 64.6470,
1.3110

■ 79.4120, 71.9370,
1.3530

■ 93.3980, 57.3570,
1.2690

■ 78.0100, 73.1290,
1.7770

■ 100.3910, 50.0670,
1.2270

■ 107.3840, 42.7770,
1.1850

■ 114.9640, 35.2120,
0.6200

■ 121.9570, 27.9220,
0.5780

■ 128.9500, 20.6320,
0.5360

■ 135.8290, 13.6630,
0.1830

■ 142.8220, 6.3730,
0.1410

■ 149.8150, -0.9170,
0.0990

Harmonies

Analogous

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



84.4220, 67.1180, 28.1260



86.4050, 64.6470, 1.3110



86.3510, 46.4030, -20.4850

Triad

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



86.4050, 64.6470, 1.3110



73.9180, -56.5720, -32.0280



90.0310, -35.6750, 24.3010

Complementary

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



86.4050, 64.6470, 1.3110



79.5950, -64.6470, -1.3110

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.



78.5190, -84.6840, 3.8920



86.4050, 64.6470, 1.3110



79.5210, -70.9710, -18.8670

Square

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



86.4050, 64.6470, 1.3110



66.9130, -40.9810, -44.7650



81.8640, -81.7020, -6.1020



93.0610, 17.5070, 40.6670

Rectangle

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



86.4050, 64.6470, 1.3110



83.8600, 28.4320, -30.7040



81.8640, -81.7020, -6.1020



79.5860, -68.4550, 12.6410

Sweetspot

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



86.4050, 64.6470, 1.3110



169.1740, 25.8130, 0.2530



65.7020, 52.6710, 53.1750



82.3130, 15.1760, 0.2960



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.



86.4050, 64.6470, 1.3110



102.0310, 94.9990, 1.9030



125.1470, 46.4970, -33.2070



70.2670, 3.6220, 0.4380



72.3730, 67.6730, 1.5370



5.3380, 4.8600, 0.0280

Inverse Universe

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



79.5950, -64.6470, -1.3110



91.9690, -94.9990, -1.9030



40.8530, -46.4970, 33.2070



70.1460, -3.3470, 0.0850



65.6270, -67.6730, -1.5370



4.6620, -4.8600, -0.0280

Previews

White Background



This preview shows how the YIQ color 86.4050, 64.6470, 1.3110 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 86.4050, 64.6470, 1.3110 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 86.4050, 64.6470, 1.3110

Background



This preview shows how black text looks on a background with the YIQ color 86.4050, 64.6470, 1.3110.



This preview shows how white text looks on a background with the YIQ color 86.4050, 64.6470,

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

86.4050, 64.6470, 1.3110

Protanopia

87.7220, 29.3010, -18.9150

Deuteranopia

86.0520, 45.8070, -20.6970



Tritanopia

89.8820, 50.8430, 20.2110

Trichromacy



Original Color

86.4050, 64.6470, 1.3110

Protanomaly

86.9950, 41.9540, -11.4380

Deuteranomaly

86.2150, 52.9580, -12.6260

Tritanomaly

88.5910, 55.7960, 13.0440

Monochromacy



Original Color

86.4050, 64.6470, 1.3110

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.9180, 23.6580, 0.7620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.4050, 64.6470, 1.3110 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(149, 68, 17)` looks like.

```
.text, #text, p{  
    color:rgb(149, 68, 17)  
}
```

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(149, 68, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 68, 17) }
```

Border

The CSS property to change the border of an element to YIQ 86.4050, 64.6470, 1.3110 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(149, 68, 17) }
```


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

```
.border{ border-color:rgb(149, 68, 17) }
```

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

Here you see how a box with a 4 pixel rgb(149, 68, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 68, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 68, 17);  
box-shadow:4px 4px 4px 4px rgb(149, 68,  
17) }
```

Background

The CSS property to change the background color of an element to YIQ 86.4050, 64.6470, 1.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 68, 17) }
```

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

```
.background{ background-color: rgb(149, 68,  
17) }
```

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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