

Converting Colors

YIQ(61.3110, 46.1620, 44.4820)

Have a look what the booklet for
YIQ(61.3110, 46.1620, 44.4820)
contains.

YIQ(61.3110, 46.1620, 44.4820)	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(61.3110, 46.1620,
44.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	851456
RGB	133, 20, 86
RGB Percent	52%, 8%, 34%
CMY	0.4781, 0.9217, 0.6626
CMYK	0.00, 0.85, 0.35, 0.48
HSL	325°, 74%, 30%
HSV	325°, 85%, 52%
XYZ	11.6157, 6.1641, 9.3888
YIQ	61.3110, 46.1620, 44.4820

Conversions

Conversions Part 2

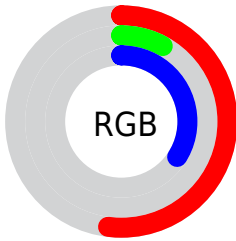
Format	Color
R_{YB}	133, 20, 86
Decimal	8721494
CIE _{Lab}	29.82, 50.61, -9.35
CIE _{LCh}	30, 51.472, 349.530
Yxy	6.1641, 0.4275, 0.2269
Android (android.graphics.Color)	4286911574 (0xFF851456)
YUV	61.3110, 12.1717, 62.8713
Hunter-Lab	24.8275, 40.0645, -5.0419

Details

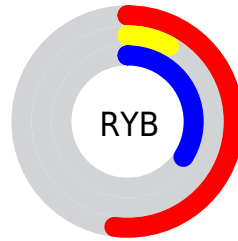
The YIQ color **61.3110, 46.1620, 44.4820** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **91.6890, -46.1620, -44.4820**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **118.6870, 47.8590, 41.2590**, and **27.9960, 33.3270, 29.2870** is the 20% darker color. If you saturate the color by 10%, you get **52.9960, 51.6630, 49.4150**, and if you desaturate by 10%, it is **69.6260, 40.6610, 39.5490**.

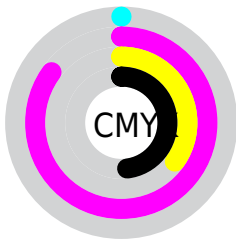
Distribution



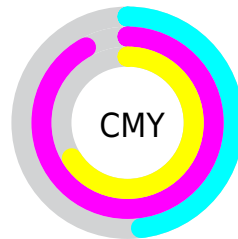
- Red (52%)
- Green (8%)
- Blue (34%)



- Red (52%)
- Yellow (8%)
- Blue (34%)



- Cyan (0%)
- Magenta (85%)
- Yellow (35%)
- Black (48%)





- Cyan (48%)
- Magenta (92%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 61.3110, 46.1620, 44.4820 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 61.3110, 46.1620, 44.4820 by changing the saturation by 10% instead.


 61.3110, 46.1620,
44.4820


 61.3110, 46.1620,
44.4820


255.0000, -0.0000,
-0.0000


 38.5770, 42.3570,
41.8530


 118.6870, 47.8590,
41.2590


 27.9960, 33.3270,
29.2870

 146.1710, 49.3720,
41.3720


 18.8390, 26.0390,
18.1910

 174.0680, 51.1600,
42.0080

 4.7840, 9.5360,
3.3920


 194.9030, 38.3230,
37.8670


 0.0000, 0.0000,
0.0000


 214.5310, 21.6350,
31.9310


 232.6940, 10.4500,


19.8740


 249.7170, 2.4750,
4.7070


 61.3110, 46.1620,
44.4820


 61.3110, 46.1620,
44.4820


 52.9960, 51.6630,
49.4150


 69.6260, 40.6610,
39.5490

 48.6590, 54.2300,
52.4540

 78.4140, 35.2060,
33.7820

 86.7290, 29.7050,
28.8490

 94.9300, 24.5250,
23.6050

 103.8320, 18.7490,
18.1490

■ 112.0330, 13.5690,
12.9050

■ 120.3480, 8.0680,
7.9720

■ 128.5490, 2.8880,
2.7280

■ 137.4510, -2.8880,
-2.7280

Harmonies

Analogous

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



71.2340, 9.5300, 36.5540



61.3110, 46.1620, 44.4820



58.8330, 61.7070, 32.5790

Triad

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



61.3110, 46.1620, 44.4820



63.1500, 16.0520, -26.6040



65.4160, -65.7010, -4.2370

Complementary

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



61.3110, 46.1620, 44.4820



91.6890, -46.1620, -44.4820

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.



62.0130, -54.7410, -15.6450



61.3110, 46.1620, 44.4820



49.7470, -25.7140, -40.6100

Square

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



61.3110, 46.1620, 44.4820



66.2830, 41.0830, -12.1730



57.2250, -41.2590, -28.7070



63.4730, -69.8750, 5.3330

Rectangle

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



61.3110, 46.1620, 44.4820



62.6950, 61.4350, 15.4750



57.2250, -41.2590, -28.7070



64.8630, -62.7660, -7.8700

Sweetspot

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



61.3110, 46.1620, 44.4820



145.7070, 17.6030, 16.8910



46.3370, -9.4530, 44.6830



70.4840, 10.6810, 10.1770



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



61.3110, 46.1620, 44.4820



63.2410, 70.6870, 68.0870



55.0410, 63.8170, 27.3770



62.2500, 2.2920, 2.5160



47.5340, 53.0840, 51.1960



1.0110, 1.4670, 0.9470

Inverse Universe

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



61.3110, 46.1620, 44.4820



63.2410, 70.6870, 68.0870



97.9590, -63.8170, -27.3770



62.2500, 2.2920, 2.5160



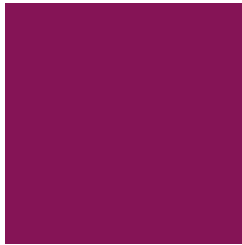
47.5340, 53.0840, 51.1960



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 61.3110, 46.1620, 44.4820 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

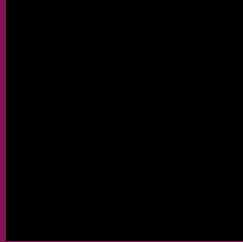
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.3110, 46.1620, 44.4820

Background



This preview shows how black text looks on a background with the YIQ color 61.3110, 46.1620, 44.4820.



This preview shows how white text looks on a background with the YIQ color 61.3110, 46.1620,

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

61.3110, 46.1620, 44.4820

Protanopia

70.7910, -26.7320, 10.9000

Deuteranopia

72.6350, -0.2300, 4.1700



Tritanopia

65.7360, 54.1900, 20.1260

Trichromacy



Original Color

61.3110, 46.1620, 44.4820

Protanomaly

66.9410, -0.3710, 23.2530

Deuteranomaly

68.5760, 16.5940, 18.6580

Tritanomaly

63.8640, 51.2540, 29.2860

Monochromacy



Original Color

61.3110, 46.1620, 44.4820

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.9950, 16.7320, 16.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.3110, 46.1620, 44.4820 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(133, 20, 86)` looks like.

```
.text, #text, p{  
    color:rgb(133, 20, 86)  
}
```

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(133, 20, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 20, 86) }
```

Border

The CSS property to change the border of an element to YIQ 61.3110, 46.1620, 44.4820 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(133, 20, 86) }
```


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

```
.border{ border-color:rgb(133, 20, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 20, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 20, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 20, 86);  
box-shadow:4px 4px 4px 4px rgb(133, 20,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 61.3110, 46.1620, 44.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 20, 86) }
```

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

```
.background{ background-color: rgb(133, 20,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor