

Converting Colors

YIQ(113.3430, 6.4640, 4.0000)

Have a look what the booklet for
YIQ(113.3430, 6.4640, 4.0000)
contains.

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Color

**YIQ(113.3430, 6.4640,
4.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6D71
RGB	122, 109, 113
RGB Percent	48%, 43%, 44%
CMY	0.5215, 0.5726, 0.5568
CMYK	0.00, 0.11, 0.07, 0.52
HSL	342°, 6%, 45%
HSV	342°, 11%, 48%
XYZ	16.4763, 16.2667, 17.8959
YIQ	113.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

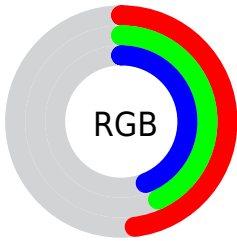
Format	Color
R_{YB}	122, 109, 113
Decimal	8023409
CIE Lab	47.32, 5.85, -0.38
CIE LCh	47, 5.860, 356.310
Yxy	16.2667, 0.3254, 0.3212
Android (android.graphics.Color)	4286213489 (0xFF7A6D71)
YUV	113.3430, -0.1691, 7.5922
Hunter-Lab	40.3320, 2.3391, 1.9246

Details

The YIQ color **113.3430, 6.4640, 4.0000** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.6570, -6.4640, -4.0000**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7560, 6.7390, 4.5230**, and **65.6310, 5.5930, 3.2650** is the 20% darker color. If you saturate the color by 10%, you get **105.3870, 12.3320, 7.7880**, and if you desaturate by 10%, it is **121.2990, 0.5960, 0.2120**.

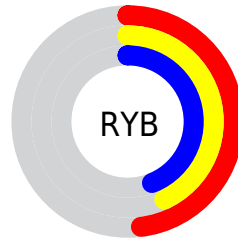
Distribution



Red (48%)

Green (43%)

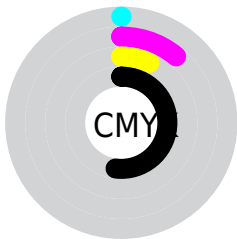
Blue (44%)



Red (48%)

Yellow (43%)

Blue (44%)

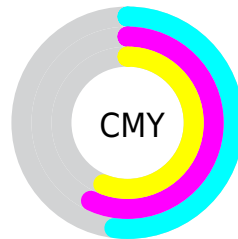


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (52%)



Cyan (52%)


Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.3430, 6.4640, 4.0000 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 113.3430, 6.4640, 4.0000 by changing the saturation by 10% instead.


 113.3430, 6.4640,
4.0000


 113.3430, 6.4640,
4.0000


255.0000, -0.0000,
-0.0000


 89.0440, 5.8680,
3.7880

 164.7560, 6.7390,
4.5230

 65.6310, 5.5930,
3.2650

 192.0550, 7.3350,
4.7350

 43.6310, 5.5930,
3.2650

 220.0550, 7.3350,
4.7350

 22.7450, 5.2720,
3.5760

 247.7450, 5.2720,
3.5760

 0.0000, 0.0000,
0.0000

 113.3430, 6.4640,

 113.3430, 6.4640,

4.0000

4.0000

■ 105.3870, 12.3320,
7.7880

■ 121.2990, 0.5960,
0.2120

■ 97.3170, 18.5210,
11.2650

■ 129.3690, -5.5930,
-3.2650

■ 88.7740, 24.6640,
15.5760

■ 137.9120,
-11.7360, -7.5760

■ 80.7040, 30.8530,
19.0530

■ 145.9820,
-17.9250, -11.0530

■ 72.7480, 36.7210,
22.8410

■ 153.9380,
-23.7930, -14.8410

■ 64.6780, 42.9100,
26.3180

■ 162.0080,
-29.9820, -18.3180

■ 56.7220, 48.7780,
30.1060

■ 169.9640,
-35.8500, -22.1060

■ 48.0650, 55.2420,
34.1060

■ 178.6210,
-42.3140, -26.1060

■ 40.8100, 60.5140,
37.6820

■ 186.5770,
-48.1820, -29.8940

Harmonies

Analogous

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



113.3040, 2.2000, 4.1840



113.3430, 6.4640, 4.0000



113.0720, 8.6650, 2.6570

Triad

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



113.3430, 6.4640, 4.0000



111.5610, 2.6140, -3.3220



111.0960, -9.0780, -0.6780

Complementary

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



113.3430, 6.4640, 4.0000



117.6570, -6.4640, -4.0000

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.



110.6290, -9.2610, -2.8690



113.3430, 6.4640, 4.0000



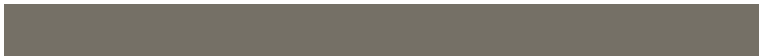
111.3970, -2.7960, -4.3960

Square

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



113.3430, 6.4640, 4.0000



112.3550, 6.1900, -2.0500



110.6570, -6.4640, -4.0000



112.2320, -6.4650, 1.5270

Rectangle

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



113.3430, 6.4640, 4.0000



113.0180, 8.7570, 0.9890



110.6570, -6.4640, -4.0000



111.2700, -9.6280, -1.7240

Sweetspot

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



113.3430, 6.4640, 4.0000



154.7230, 2.3380, 1.6820



113.1730, 1.1910, 5.9510



77.0110, 1.4670, 0.9470



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



113.3430, 6.4640, 4.0000



144.6640, 9.9940, 6.1060



114.0610, 7.1980, 1.7100



57.0220, 2.9340, 1.8940



41.7070, 62.3020, 38.3180



84.2400, 125.1540, 77.6820

Inverse Universe

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



113.3430, 6.4640, 4.0000



144.6640, 9.9940, 6.1060



116.9390, -7.1980, -1.7100



57.0220, 2.9340, 1.8940



41.7070, 62.3020, 38.3180



84.2400, 125.1540, 77.6820

Previews

White Background



This preview shows how the YIQ color 113.3430, 6.4640, 4.0000 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 113.3430, 6.4640, 4.0000 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 113.3430, 6.4640, 4.0000

Background



This preview shows how black text looks on a background with the YIQ color 113.3430, 6.4640, 4.0000.



This preview shows how white text looks on a background with the YIQ color 113.3430, 6.4640,

4.0000.

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

113.3430, 6.4640, 4.0000

Protanopia

112.9400, 0.2290, 1.3570

Deuteranopia

113.6420, 7.0600, 4.2120



Tritanopia

113.5110, 6.0510, 5.9790

Trichromacy



Original Color

113.3430, 6.4640, 4.0000

Protanomaly

113.1360, 2.6130, 2.2050

Deuteranomaly

113.6420, 7.0600, 4.2120

Tritanomaly

113.3970, 6.3720, 5.6680

Monochromacy



Original Color

113.3430, 6.4640, 4.0000

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.3100, 2.0630, 1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.3430, 6.4640, 4.0000 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(122, 109, 113)` looks like.

```
.text, #text, p{  
    color:rgb(122, 109, 113)  
}
```

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(122, 109, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 109, 113) }
```

Border

The CSS property to change the border of an element to YIQ 113.3430, 6.4640, 4.0000 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(122, 109, 113) }
```


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

```
.border{ border-color:rgb(122, 109, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 109, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 109, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 109, 113);  
box-shadow:4px 4px 4px 4px rgb(122, 109,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 113.3430, 6.4640, 4.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 109, 113) }
```

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

```
.background{ background-color: rgb(122,  
109, 113) }
```

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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