

Converting Colors

YIQ(114.7980, 14.9480, -6.5880)

Have a look what the booklet for
YIQ(114.7980, 14.9480, -6.5880)
contains.

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Color

**YIQ(114.7980, 14.9480,
-6.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7357
RGB	125, 115, 87
RGB Percent	49%, 45%, 34%
CMY	0.5098, 0.5490, 0.6587
CMYK	0.00, 0.08, 0.30, 0.51
HSL	44°, 18%, 42%
HSV	44°, 30%, 49%
XYZ	16.3091, 17.3090, 11.5026
YIQ	114.7980, 14.9480, -6.5880

Conversions

Conversions Part 2

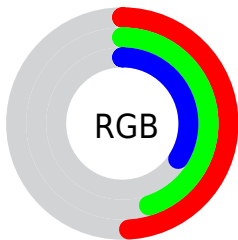
Format	Color
RYB	101, 125, 87
Decimal	8221527
CIELab	48.65, -0.81, 16.91
CIElCh	49, 16.934, 92.734
Yxy	17.3090, 0.3615, 0.3836
Android (android.graphics.Color)	4286411607 (0xFF7D7357)
YUV	114.7980, -13.7044, 8.9472
Hunter-Lab	41.6041, -2.8342, 12.7305

Details

The YIQ color **114.7980, 14.9480, -6.5880** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **97.2020, -14.9480, 6.5880**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8690, 16.1860, -6.9980**, and **66.4280, 13.1140, -6.3900** is the 20% darker color. If you saturate the color by 10%, you get **111.6690, 19.6250, -8.7510**, and if you desaturate by 10%, it is **118.0410, 9.9500, -4.1140**.

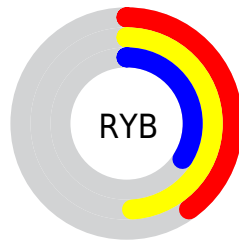
Distribution



Red (49%)

Green (45%)

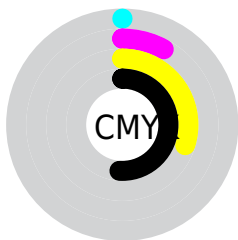
Blue (34%)



Red (40%)

Yellow (49%)

Blue (34%)

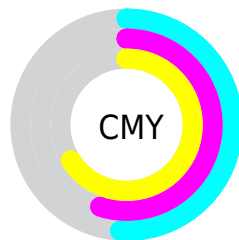


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7980, 14.9480, -6.5880 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 114.7980, 14.9480, -6.5880 by changing the saturation by 10% instead.

■ 114.7980, 14.9480,
-6.5880

■ 114.7980, 14.9480,
-6.5880

■ 255.0000, -0.0000,
-0.0000

■ 90.6130, 14.0310,
-6.4890

■ 166.8690, 16.1860,
-6.9980

■ 66.4280, 13.1140,
-6.3900

■ 194.0540, 17.1030,
-7.0970

■ 44.3570, 11.8760,
-5.9800

■ 221.9400, 17.4240,
-7.4080

■ 23.6560, 12.4720,
-5.7680

■ 247.8470, 13.2520,
-8.8920

■ 0.0000, 0.0000,
0.0000

■ 254.0880, 2.5680,
-2.4880

■ 114.7980, 14.9480,
-6.5880

■ 114.7980, 14.9480,
-6.5880

■ 111.6690, 19.6250,
-8.7510

■ 118.0410, 9.9500,
-4.1140

■ 107.8390, 24.8980,
-10.7020

■ 121.7570, 4.9980,
-2.4740

■ 104.7100, 29.5750,
-12.8650

■ 125.0000, 0.0000,
0.0000

■ 101.4670, 34.5730,
-15.3390

■ 128.1290, -4.6770,
2.1630

■ 98.3380, 39.2500,
-17.5020

■ 131.3720, -9.6750,
4.6370

■ 94.5080, 44.5230,
-19.4530

■ 135.0880,
-14.6270, 6.2770

■ 91.3790, 49.2000,
-21.6160

■ 138.3310,
-19.6250, 8.7510

■ 141.4600,

-24.3020, 10.9140

■ 145.2900,
-29.5750, 12.8650

Harmonies

Analogous

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



115.9070, 22.1910, -0.1850



114.7980, 14.9480, -6.5880



112.8180, 3.0280, -10.8280

Triad

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



114.7980, 14.9480, -6.5880



109.4460, -30.8550, -7.9990



117.8800, 9.6260, 12.7780

Complementary

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



114.7980, 14.9480, -6.5880



97.2020, -14.9480, 6.5880

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.



116.9970, -3.9450, 10.9270



114.7980, 14.9480, -6.5880



111.9180, -29.0680, -1.8360

Square

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



114.7980, 14.9480, -6.5880



109.9320, -23.6560, -11.8160



114.4080, -18.5240, 5.3160



117.8010, 20.0340, 11.3780

Rectangle

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



114.7980, 14.9480, -6.5880



112.0880, -6.6000, -12.5520



114.4080, -18.5240, 5.3160



117.7270, 5.6830, 12.6510

Sweetspot

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



114.7980, 14.9480, -6.5880



159.0560, 5.5940, -2.2620



99.5020, 19.4380, 11.1660



79.2130, 3.7140, -1.2300



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



114.7980, 14.9480, -6.5880



147.4690, 23.0640, -10.5040



117.9770, 6.8340, -13.7260



62.0280, 2.7970, -1.1310



93.4500, 50.4380, -22.0260



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.2020, -14.9480, 6.5880



120.1180, -23.3390, 9.9810



94.0230, -6.8340, 13.7260



58.9720, -2.7970, 1.1310



34.5500, -50.4380, 22.0260



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 114.7980, 14.9480, -6.5880 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 114.7980, 14.9480, -6.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

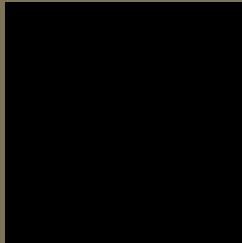
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.7980, 14.9480, -6.5880

Background



This preview shows how black text looks on a background with the YIQ color 114.7980, 14.9480, -6.5880.



This preview shows how white text looks on a background with the YIQ color 114.7980, 14.9480,

-6.5880.

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

114.7980, 14.9480, -6.5880

Protanopia

114.4990, 14.3520, -6.8000

Deuteranopia

115.8530, 22.2830, -1.8530



Tritanopia

117.2940, 8.1600, 6.3040

Trichromacy



Original Color

114.7980, 14.9480, -6.5880

Protanomaly

114.4990, 14.3520, -6.8000

Deuteranomaly

115.2440, 19.6240, -3.2240

Tritanomaly

116.2140, 11.1410, 1.8370

Monochromacy



Original Color

114.7980, 14.9480, -6.5880

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0560, 5.5940, -2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7980, 14.9480, -6.5880 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(125, 115, 87)` looks like.

```
.text, #text, p{  
    color:rgb(125, 115, 87)  
}
```

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(125, 115, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 115, 87) }
```

Border

The CSS property to change the border of an element to YIQ 114.7980, 14.9480, -6.5880 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(125, 115, 87) }
```


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

```
.border{ border-color:rgb(125, 115, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 115, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 115, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 115, 87); box-shadow:4px 4px 4px 4px rgb(125, 115, 87) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7980, 14.9480, -6.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 115, 87) }
```

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

```
.background{ background-color: rgb(125,  
115, 87) }
```

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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