

Converting Colors

YIQ(127.6020, 12.5640, -7.4360)

Have a look what the booklet for
YIQ(127.6020, 12.5640, -7.4360)
contains.

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Color

**YIQ(127.6020, 12.5640,
-7.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	878165
RGB	135, 129, 101
RGB Percent	53%, 51%, 40%
CMY	0.4706, 0.4941, 0.6038
CMYK	0.00, 0.04, 0.25, 0.47
HSL	49°, 14%, 46%
HSV	49°, 25%, 53%
XYZ	20.1913, 21.7906, 15.4584
YIQ	127.6020, 12.5640, -7.4360

Conversions

Conversions Part 2

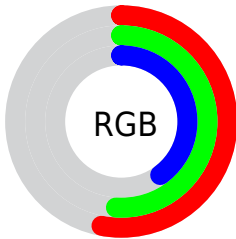
Format	Color
RYB	108, 135, 101
Decimal	8880485
CIELab	53.80, -2.54, 16.02
CIElCh	54, 16.217, 99.009
Yxy	21.7906, 0.3515, 0.3794
Android (android.graphics.Color)	4287070565 (0xFF878165)
YUV	127.6020, -13.1148, 6.4880
Hunter-Lab	46.6804, -4.4817, 13.0421

Details

The YIQ color $127.6020, 12.5640, -7.4360$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $108.3980, -12.5640, 7.4360$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.6730, 13.8020, -7.8460$, and $78.5310, 11.3260, -7.0260$ is the 20% darker color. If you saturate the color by 10%, you get $124.9460, 17.2870, -10.4330$, and if you desaturate by 10%, it is $130.3720, 7.5200, -4.1280$.

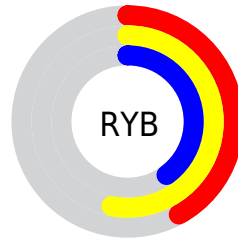
Distribution



Red (53%)

Green (51%)

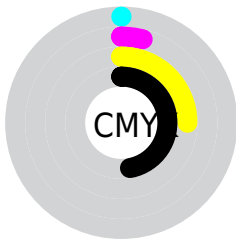
Blue (40%)



Red (42%)

Yellow (53%)

Blue (40%)

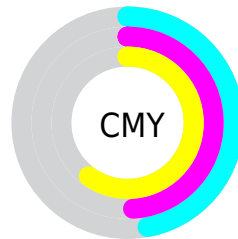


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6020, 12.5640, -7.4360 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 127.6020, 12.5640, -7.4360 by changing the saturation by 10% instead.

■ 127.6020, 12.5640,
-7.4360

■ 127.6020, 12.5640,
-7.4360

■ 255.0000, -0.0000,
-0.0000

■ 102.4170, 11.6470,
-7.3370

■ 180.6730, 13.8020,
-7.8460

■ 78.5310, 11.3260,
-7.0260

■ 207.6730, 13.8020,
-7.8460

■ 55.3460, 10.4090,
-6.9270

■ 236.4450, 14.4440,
-8.4680

■ 33.9330, 10.1340,
-7.4500

■ 252.7200, 6.4200,
-6.2200

■ 12.9910, 4.2190,
-4.8770

■ 0.0000, 0.0000,
0.0000

■ 127.6020, 12.5640,
-7.4360

■ 127.6020, 12.5640,
-7.4360

■ 124.9460, 17.2870,
-10.4330

■ 130.3720, 7.5200,
-4.1280

■ 121.5890, 22.6060,
-13.2180

■ 133.6150, 2.5220,
-1.6540

■ 118.9330, 27.3290,
-16.2150

■ 136.3850, -2.5220,
1.6540

■ 115.5760, 32.6480,
-19.0000

■ 139.6280, -7.5200,
4.1280

■ 112.9200, 37.3710,
-21.9970

■ 142.3980,
-12.5640, 7.4360

■ 110.1500, 42.4150,
-25.3050

■ 145.0540,
-17.2870, 10.4330

■ 106.9070, 47.4130,
-27.7790

■ 148.4110,
-22.6060, 13.2180

■ 105.5220, 49.9350,

■ 151.0670,

-29.4330

-27.3290, 16.2150

■ 153.8370,
-32.3730, 19.5230

Harmonies

Analogous

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



128.7820, 21.0450, -1.4430



127.6020, 12.5640, -7.4360



125.8500, 0.0020, -11.0540

Triad

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



127.6020, 12.5640, -7.4360



123.6850, -30.0300, -6.4300



131.1360, 11.7810, 12.2690

Complementary

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



127.6020, 12.5640, -7.4360



108.3980, -12.5640, 7.4360

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.



130.5520, -1.1940, 10.6300



127.6020, 12.5640, -7.4360



125.8260, -25.8130, -0.2530

Square

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



127.6020, 12.5640, -7.4360



123.2740, -24.6190, -10.8830



128.2020, -14.9480, 6.5880



131.0460, 20.7220, 9.9220

Rectangle

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



127.6020, 12.5640, -7.4360



124.8320, -8.7550, -12.0430



128.2020, -14.9480, 6.5880



130.9830, 7.8380, 12.1420

Sweetspot

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



127.6020, 12.5640, -7.4360



172.6430, 5.3190, -2.7850



111.8500, 18.3380, 9.0740



87.3870, 3.1640, -2.2760



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



127.6020, 12.5640, -7.4360



164.6750, 19.4880, -11.7760



127.8350, 4.3580, -12.9060



64.7290, 2.2010, -1.3430



101.6790, 48.0550, -28.4010



2.0710, 1.2380, -0.4100

Inverse Universe

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



108.3980, -12.5640, 7.4360



134.3250, -19.4880, 11.7760



108.1650, -4.3580, 12.9060



61.2710, -2.2010, 1.3430



28.3210, -48.0550, 28.4010



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 127.6020, 12.5640, -7.4360 looks on a white 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

Black Background



This preview shows how the YIQ color 127.6020, 12.5640, -7.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

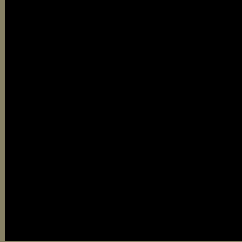
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.6020, 12.5640, -7.4360

Background



This preview shows how black text looks on a background with the YIQ color 127.6020, 12.5640, -7.4360.



This preview shows how white text looks on a background with the YIQ color 127.6020, 12.5640,

-7.4360.

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

127.6020, 12.5640, -7.4360

Protanopia

127.6130, 14.0310, -6.4890

Deuteranopia

128.6790, 22.8330, -0.8070



Tritanopia

129.6250, 5.7300, 6.2900

Trichromacy



Original Color

127.6020, 12.5640, -7.4360

Protanomaly

127.3140, 13.4350, -6.7010

Deuteranomaly

128.3580, 19.3030, -2.9130

Tritanomaly

129.1320, 8.4360, 1.3000

Monochromacy



Original Color

127.6020, 12.5640, -7.4360

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.7570, 4.9980, -2.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6020, 12.5640, -7.4360 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(135, 129, 101)` looks like.

```
.text, #text, p{  
    color:rgb(135, 129, 101)  
}
```

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(135, 129, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 129, 101) }
```

Border

The CSS property to change the border of an element to YIQ 127.6020, 12.5640, -7.4360 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(135, 129, 101) }
```


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

```
.border{ border-color:rgb(135, 129, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 129, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 129, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 129, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 129,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6020, 12.5640, -7.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 129, 101) }
```

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

```
.background{ background-color: rgb(135,  
129, 101) }
```

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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