

Converting Colors

YIQ(130.2340, 7.2480, -21.2320)

Have a look what the booklet for
YIQ(130.2340, 7.2480, -21.2320)
contains.

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Color

**YIQ(130.2340, 7.2480,
-21.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8E56
RGB	124, 142, 86
RGB Percent	49%, 56%, 34%
CMY	0.5138, 0.4431, 0.6627
CMYK	0.13, 0.00, 0.39, 0.44
HSL	79°, 25%, 45%
HSV	79°, 39%, 56%
XYZ	19.6639, 24.3040, 12.4627
YIQ	130.2340, 7.2480, -21.2320

Conversions

Conversions Part 2

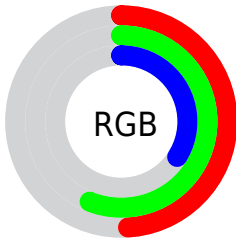
Format	Color
R _Y B	86, 142, 104
Decimal	8162902
CIE Lab	56.39, -16.31, 27.71
CIE LCh	56, 32.150, 120.485
Yxy	24.3040, 0.3485, 0.4307
Android (android.graphics.Color)	4286352982 (0xFF7C8E56)
YUV	130.2340, -21.8074, -5.4672
Hunter-Lab	49.2991, -15.0753, 19.5209

Details

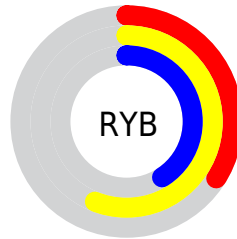
The YIQ color $130.2340, 7.2480, -21.2320$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $97.7660, -7.2480, 21.2320$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.5930, 7.6150, -22.3770$, and $80.5760, 6.2850, -20.2990$ is the 20% darker color. If you saturate the color by 10%, you get $127.1430, 8.7620, -26.6460$, and if you desaturate by 10%, it is $133.3250, 5.7340, -15.8180$.

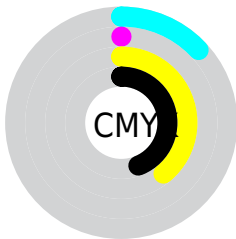
Distribution



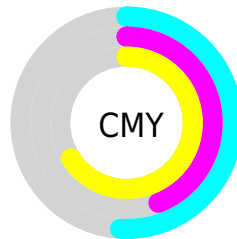
- Red (49%)
- Green (56%)
- Blue (34%)



- Red (34%)
- Yellow (56%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (39%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.2340, 7.2480, -21.2320 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 130.2340, 7.2480, -21.2320 by changing the saturation by 10% instead.

■ 130.2340, 7.2480,
-21.2320

■ 130.2340, 7.2480,
-21.2320

■ 255.0000, -0.0000,
-0.0000

■ 104.7610, 7.2020,
-20.3980

■ 183.5930, 7.6150,
-22.3770

■ 80.5760, 6.2850,
-20.2990

■ 211.3650, 8.2570,
-22.9990

■ 56.8040, 5.6430,
-19.6770

■ 239.5500, 9.1740,
-23.0980

■ 35.6730, 4.6340,
-17.9100

■ 250.7820, 11.8770,
-11.5070

■ 15.2620, -7.1500,
-13.5980

■ 254.0880, 2.5680,
-2.4880

■ 0.0000, 0.0000,
0.0000

■ 130.2340, 7.2480,
-21.2320

■ 130.2340, 7.2480,
-21.2320

■ 127.1430, 8.7620,
-26.6460

■ 133.3250, 5.7340,
-15.8180

■ 124.3510, 10.8720,
-31.8480

■ 136.1170, 3.6240,
-10.6160

■ 121.1460, 12.7070,
-37.5730

■ 139.3220, 1.7890,
-4.8910

■ 118.3540, 14.8170,
-42.7750

■ 142.1140, -0.3210,
0.3110

■ 115.2630, 16.3310,
-48.1890

■ 145.2050, -1.8350,
5.7250

■ 112.4710, 18.4410,
-53.3910

■ 147.9970, -3.9450,
10.9270

■ 112.0580, 18.1660,
-53.9140

■ 151.0880, -5.4590,
16.3410

■ 154.2930, -7.2940,

22.0660

■ 157.0850, -9.4040,
27.2680

Harmonies

Analogous

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



133.4110, 28.9790, -13.0770



130.2340, 7.2480, -21.2320



125.9840, -21.4070, -25.0470

Triad

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



130.2340, 7.2480, -21.2320



118.8340, -72.9900, -9.8060



138.0470, 37.3170, 23.0530

Complementary

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



130.2340, 7.2480, -21.2320



97.7660, -7.2480, 21.2320

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.



138.9770, 17.1430, 25.2310



130.2340, 7.2480, -21.2320



131.1850, -42.6410, 7.3670

Square

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



130.2340, 7.2480, -21.2320



108.1380, -89.1260, -25.7500



137.5590, -11.0990, 19.4370



136.9150, 46.0760, 12.9880

Rectangle

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



130.2340, 7.2480, -21.2320



121.7350, -42.6350, -25.7950



137.5590, -11.0990, 19.4370



138.4640, 31.7690, 24.4810

Sweetspot

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



130.2340, 7.2480, -21.2320



179.3990, 2.8900, -8.3260



113.3100, 28.4260, 2.4580



89.3220, 1.7890, -4.8910



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



130.2340, 7.2480, -21.2320



165.7100, 11.2390, -32.9930



121.8620, -9.4400, -27.1680



69.6040, 1.0550, -2.6010



106.7530, 17.7070, -51.1010



6.1910, 0.7800, -3.1240

Inverse Universe

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



97.7660, -7.2480, 21.2320



115.2900, -11.2390, 32.9930



106.1380, 9.4400, 27.1680



65.6950, -0.4590, 2.8130



28.5460, -17.1110, 51.3130



1.5100, -1.3760, 2.9120

Previews

White Background



This preview shows how the YIQ color 130.2340, 7.2480, -21.2320 looks on a white background.

Color Contrast Check

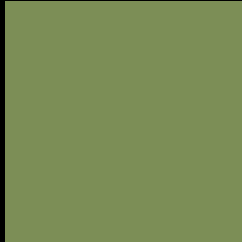
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.2340, 7.2480, -21.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

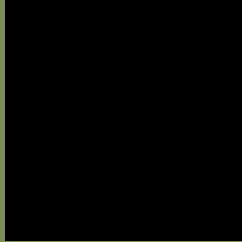
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.2340, 7.2480, -21.2320

Background



This preview shows how black text looks on a background with the YIQ color 130.2340, 7.2480, -21.2320.



This preview shows how white text looks on a background with the YIQ color 130.2340, 7.2480, -21.2320.

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

130.2340, 7.2480, -21.2320

Protanopia

132.6600, 23.8440, -13.6280

Deuteranopia

134.3070, 32.5080, -5.4440



Tritanopia

135.3570, -5.3190, 2.7850

Trichromacy



Original Color

130.2340, 7.2480, -21.2320

Protanomaly

132.1430, 17.9300, -16.5820

Deuteranomaly

132.9420, 23.1100, -11.3380

Tritanomaly

133.7130, -0.8700, -6.2620

Monochromacy



Original Color

130.2340, 7.2480, -21.2320

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.9260, 2.8440, -7.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.2340, 7.2480, -21.2320 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(124, 142, 86)` looks like.

```
.text, #text, p{  
    color:rgb(124, 142, 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(124, 142, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 142, 86) }
```

Border

The CSS property to change the border of an element to YIQ 130.2340, 7.2480, -21.2320 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(124, 142, 86) }
```


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

```
.border{ border-color:rgb(124, 142, 86) }
```

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

Here you see how a box with a 4 pixel rgb(124, 142, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 142, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 142, 86);  
box-shadow:4px 4px 4px 4px rgb(124, 142,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 130.2340, 7.2480, -21.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 142, 86) }
```

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

```
.background{ background-color: rgb(124,  
142, 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](#).

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