

Converting Colors

YIQ(114.9960, -12.5130,
-21.0330)

Have a look what the booklet for
YIQ(114.9960, -12.5130, -21.0330)
contains.

YIQ(114.9960, -12.5130, -21.0330)	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(114.9960, -12.5130,
-21.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	5A845D
RGB	90, 132, 93
RGB Percent	35%, 52%, 36%
CMY	0.6472, 0.4823, 0.6353
CMYK	0.32, 0.00, 0.30, 0.48
HSL	124°, 19%, 44%
HSV	124°, 32%, 52%
XYZ	14.4426, 19.4696, 13.3516
YIQ	114.9960, -12.5130, -21.0330

Conversions

Conversions Part 2

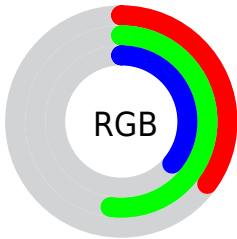
Format	Color
R_{YB}	90, 129, 132
Decimal	5932125
CIE _{Lab}	51.23, -22.98, 16.56
CIE _{LCh}	51, 28.324, 144.232
Yxy	19.4696, 0.3056, 0.4119
Android (android.graphics.Color)	4284122205 (0xFF5A845D)
YUV	114.9960, -10.8440, -21.9215
Hunter-Lab	44.1244, -18.7918, 12.9465

Details

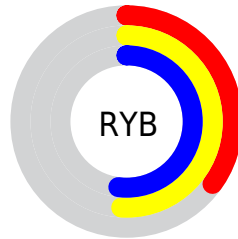
The YIQ color **114.9960, -12.5130, -21.0330** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **107.0040, 12.5130, 21.0330**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1700, -13.0630, -22.0790**, and **66.0500, -12.6050, -19.3650** is the 20% darker color. If you saturate the color by 10%, you get **109.7410, -16.4090, -27.5210**, and if you desaturate by 10%, it is **120.2510, -8.6170, -14.5450**.

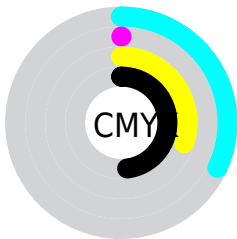
Distribution



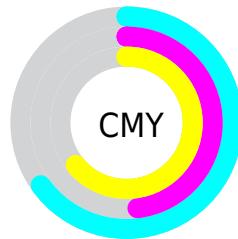
- Red (35%)
- Green (52%)
- Blue (36%)



- Red (35%)
- Yellow (51%)
- Blue (52%)



- Cyan (32%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (65%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.9960, -12.5130, -21.0330 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 114.9960, -12.5130, -21.0330 by changing the saturation by 10% instead.

■ 114.9960,
-12.5130, -21.0330

■ 114.9960,
-12.5130, -21.0330

■ 255.0000, -0.0000,
-0.0000

■ 90.4090, -12.2380,
-20.5100

■ 167.1700,
-13.0630, -22.0790

■ 66.0500, -12.6050,
-19.3650

■ 194.6430,
-13.0170, -22.9130

■ 42.8650, -13.5220,
-19.2660

■ 223.1160,
-12.9710, -23.7470

■ 21.7190, -10.1750,
-19.3510

■ 242.3110, -8.8460,
-15.9020

■ 4.6960, -2.2000,
-4.1840

■ 254.2880, -0.8710,
-0.7350

■ 0.0000, 0.0000,
0.0000

■ 114.9960,
-12.5130, -21.0330

■ 114.9960,
-12.5130, -21.0330

■ 109.7410,
-16.4090, -27.5210

■ 120.2510, -8.6170,
-14.5450

■ 104.3720,
-19.9840, -34.3200

■ 125.5060, -4.7210,
-8.0570

■ 98.8180, -24.4760,
-41.0200

■ 131.1740, -0.5500,
-1.0460

■ 93.5630, -28.3720,
-47.5080

■ 136.4290, 3.3460,
5.4420

■ 88.3080, -32.2680,
-53.9960

■ 141.6840, 7.2420,
11.9300

■ 82.9390, -35.8430,
-60.7950

■ 147.0530, 10.8170,
18.7290

■ 78.6240, -39.5100,
-65.9260

■ 152.3080, 14.7130,
25.2170

■ 157.8620, 19.2050,

31.9170

■ 163.1170, 23.1010,
38.4050

Harmonies

Analogous

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



118.6090, 10.6860, -17.4580



114.9960, -12.5130, -21.0330



110.1100, -39.1970, -22.0210

Triad

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



114.9960, -12.5130, -21.0330



117.2620, -41.5400, 3.9320



123.9080, 38.7860, 12.9460

Complementary

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



114.9960, -12.5130, -21.0330



107.0040, 12.5130, 21.0330

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.



125.2740, 29.2480, 20.6080



114.9960, -12.5130, -21.0330



123.4720, -15.4080, 14.9280

Square

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



114.9960, -12.5130, -21.0330



107.7980, -64.1410, -10.4850



125.4490, 9.7620, 21.3300



122.8720, 38.4670, 2.2030

Rectangle

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



114.9960, -12.5130, -21.0330



105.7690, -57.1700, -21.1860



125.4490, 9.7620, 21.3300



124.5320, 37.0890, 16.1690

Sweetspot

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



114.9960, -12.5130, -21.0330



164.0930, -4.9960, -8.5800



126.3150, 11.6940, -13.6980



82.5710, -3.3460, -5.4420



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.



114.9960, -12.5130, -21.0330



144.7250, -19.4800, -32.4400



117.3900, -19.2540, -14.5020



63.5220, -1.6500, -3.1380



77.3360, -38.6390, -65.1910



1.7610, -0.8250, -1.5690

Inverse Universe

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



107.0040, 12.5130, 21.0330



132.2750, 19.4800, 32.4400



104.6100, 19.2540, 14.5020



62.4780, 1.6500, 3.1380



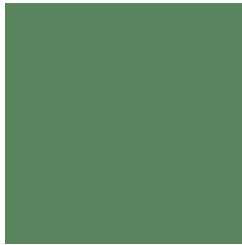
52.6640, 38.6390, 65.1910



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 114.9960, -12.5130, -21.0330 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 114.9960, -12.5130, -21.0330 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 114.9960, -12.5130, -21.0330 Background



This preview shows how black text looks on a background with the YIQ color 114.9960, -12.5130, -21.0330.



This preview shows how white text looks on a background with the YIQ color 114.9960, -12.5130, -21.0330.

-21.0330.

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

114.9960, -12.5130, -21.0330

Protanopia

120.2280, 16.5530, -8.1430

Deuteranopia

122.0810, 21.6410, -1.2310



Tritanopia

118.8820, -20.2190, -2.5150

Trichromacy



Original Color

114.9960, -12.5130, -21.0330

Protanomaly

118.3190, 5.8710, -12.7930

Deuteranomaly

119.2210, 9.2630, -8.1850

Tritanomaly

117.3350, -17.4210, -9.1730

Monochromacy



Original Color

114.9960, -12.5130, -21.0330

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9190, -4.4460, -7.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9960, -12.5130, -21.0330 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(90, 132, 93)` looks like.

```
.text, #text, p{  
    color:rgb(90, 132, 93)  
}
```

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(90, 132, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 132, 93) }
```

Border

The CSS property to change the border of an element to YIQ 114.9960, -12.5130, -21.0330 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(90, 132, 93) }
```


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

```
.border{ border-color:rgb(90, 132, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 132, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 132, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 132, 93);  
box-shadow:4px 4px 4px 4px rgb(90, 132,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9960, -12.5130, -21.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 132, 93) }
```

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

```
.background{ background-color: rgb(90, 132,  
93) }
```

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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