

Converting Colors

YIQ(121.9490, 21.2320,
-21.3600)

Have a look what the booklet for
YIQ(121.9490, 21.2320, -21.3600)
contains.

YIQ(121.9490, 21.2320, -21.3600)	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(121.9490, 21.2320,
-21.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	81823E
RGB	129, 130, 62
RGB Percent	51%, 51%, 24%
CMY	0.4942, 0.4902, 0.7567
CMYK	0.01, 0.00, 0.52, 0.49
HSL	61°, 35%, 38%
HSV	61°, 52%, 51%
XYZ	17.9047, 20.9797, 7.6683
YIQ	121.9490, 21.2320, -21.3600

Conversions

Conversions Part 2

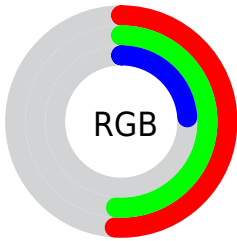
Format	Color
RYB	62, 130, 63
Decimal	8487486
CIELab	52.93, -10.48, 36.25
CIELCh	53, 37.731, 106.121
Yxy	20.9797, 0.3846, 0.4507
Android (android.graphics.Color)	4286677566 (0xFF81823E)
YUV	121.9490, -29.5549, 6.1837
Hunter-Lab	45.8037, -10.3807, 22.1364

Details

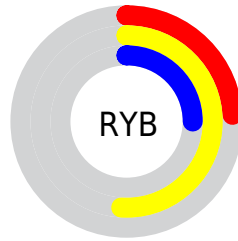
The YIQ color **121.9490, 21.2320, -21.3600** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **70.0510, -21.2320, 21.3600**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.9060, 22.7910, -22.0810**, and **72.3510, 20.0400, -21.7840** is the 20% darker color. If you saturate the color by 10%, you get **120.4670, 25.4050, -25.4030**, and if you desaturate by 10%, it is **123.4310, 17.0590, -17.3170**.

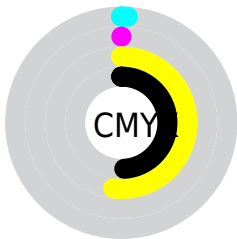
Distribution



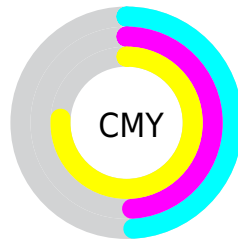
- Red (51%)
- Green (51%)
- Blue (24%)



- Red (24%)
- Yellow (51%)
- Blue (25%)



- Cyan (1%)
- Magenta (0%)
- Yellow (52%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.9490, 21.2320, -21.3600 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 121.9490, 21.2320, -21.3600 by changing the saturation by 10% instead.

121.9490, 21.2320,
-21.3600

121.9490, 21.2320,
-21.3600

255.0000, -0.0000,
-0.0000

96.7640, 20.3150,
-21.2610

174.9060, 22.7910,
-22.0810

72.3510, 20.0400,
-21.7840

202.3900, 24.3040,
-21.9680

50.1920, 16.2340,
-18.8860

230.7490, 24.6710,
-23.1130

30.6890, 7.7050,
-12.9910

247.8180, 20.2230,
-19.5930

9.9790, -4.6750,
-8.8910

251.0100, 11.2350,
-10.8850

0.0000, 0.0000,
0.0000

254.3160, 1.9260,

-1.8660

■ 121.9490, 21.2320,
-21.3600

■ 121.9490, 21.2320,
-21.3600

■ 120.4670, 25.4050,
-25.4030

■ 123.4310, 17.0590,
-17.3170

■ 118.9850, 29.5780,
-29.4460

■ 124.9130, 12.8860,
-13.2740

■ 117.2040, 33.1550,
-33.7010

■ 126.6940, 9.3090,
-9.0190

■ 115.7220, 37.3280,
-37.7440

■ 128.1760, 5.1360,
-4.9760

■ 114.5820, 40.5380,
-40.8540

■ 129.6580, 0.9630,
-0.9330

■ 131.1400, -3.2100,
3.1100

■ 132.6220, -7.3830,
7.1530

■ 134.4030,
-10.9600, 11.4080

■ 135.8850,
-15.1330, 15.4510

Harmonies

Analogous

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



124.5760, 41.8160, -8.9360



121.9490, 21.2320, -21.3600



117.6340, -8.7980, -27.7900

Triad

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



121.9490, 21.2320, -21.3600



102.3750, -93.9870, -20.2510



129.6970, 32.7310, 29.0750

Complementary

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



121.9490, 21.2320, -21.3600



70.0510, -21.2320, 21.3600

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.



129.9140, 4.2590, 27.4510



121.9490, 21.2320, -21.3600



108.5760, -80.8310, -5.3670

Square

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



121.9490, 21.2320, -21.3600



100.2430, -85.2280, -30.3160



125.7290, -32.1890, 16.1870



127.4520, 49.2380, 21.7660

Rectangle

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



121.9490, 21.2320, -21.3600



112.5910, -33.6020, -29.8100



125.7290, -32.1890, 16.1870



129.9180, 24.7990, 29.6550

Sweetspot

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



121.9490, 21.2320, -21.3600



164.9220, 8.6670, -8.3970



82.3320, 40.5280, 14.4160



82.1760, 5.1360, -4.9760



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



121.9490, 21.2320, -21.3600



155.6170, 33.4300, -33.1780



112.0820, 1.5640, -28.3560



63.2020, 2.2470, -2.1770



112.8100, 39.8960, -40.2320



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.0510, -21.2320, 21.3600



74.6820, -32.8340, 33.3900



79.9180, -1.5640, 28.3560



57.7980, -2.2470, 2.1770



15.1900, -39.8960, 40.2320



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 121.9490, 21.2320, -21.3600 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 121.9490, 21.2320, -21.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

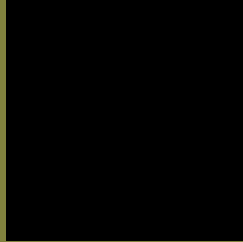
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.9490, 21.2320, -21.3600

Background



This preview shows how black text looks on a background with the YIQ color 121.9490, 21.2320, -21.3600.



This preview shows how white text looks on a background with the YIQ color 121.9490, 21.2320, -21.3600.

-21.3600.

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

121.9490, 21.2320, -21.3600

Protanopia

122.7760, 29.2090, -17.2470

Deuteranopia

124.1950, 38.5150, -9.6850



Tritanopia

127.3260, 5.1340, 6.0780

Trichromacy



Original Color

121.9490, 21.2320, -21.3600

Protanomaly

122.1670, 26.5500, -18.6180

Deuteranomaly

123.7380, 32.3720, -13.9960

Tritanomaly

125.3400, 10.5460, -3.9020

Monochromacy



Original Color

121.9490, 21.2320, -21.3600

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.1500, 8.0250, -7.7750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.9490, 21.2320, -21.3600 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(129, 130, 62)` looks like.

```
.text, #text, p{  
    color:rgb(129, 130, 62)  
}
```

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(129, 130, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 130, 62) }
```

Border

The CSS property to change the border of an element to YIQ 121.9490, 21.2320, -21.3600 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(129, 130, 62) }
```


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

```
.border{ border-color:rgb(129, 130, 62) }
```

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

Here you see how a box with a 4 pixel rgb(129, 130, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 130, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 130, 62);  
box-shadow:4px 4px 4px 4px rgb(129, 130,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 121.9490, 21.2320, -21.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 130, 62) }
```

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

```
.background{ background-color: rgb(129,  
130, 62) }
```

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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