

Converting Colors

YIQ(122.2540, -3.5310, 3.4210)

Have a look what the booklet for
YIQ(122.2540, -3.5310, 3.4210)
contains.

YIQ(122.2540, -3.5310, 3.4210)	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(122.2540, -3.5310,
3.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	797984
RGB	121, 121, 132
RGB Percent	47%, 47%, 52%
CMY	0.5255, 0.5255, 0.4824
CMYK	0.08, 0.08, 0.00, 0.48
HSL	240°, 4%, 50%
HSV	240°, 8%, 52%
XYZ	18.8872, 19.4056, 24.5779
YIQ	122.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

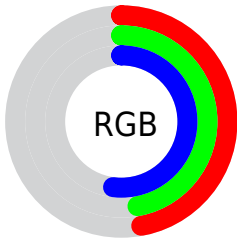
Format	Color
R_{YB}	121, 121, 132
Decimal	7960964
CIE Lab	51.16, 2.30, -5.98
CIE LCh	51, 6.411, 291.007
Yxy	19.4056, 0.3004, 0.3087
Android (android.graphics.Color)	4286151044 (0xFF797984)
YUV	122.2540, 4.8048, -1.0998
Hunter-Lab	44.0518, -0.5586, -2.2436

Details

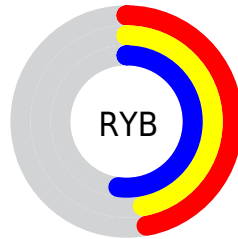
The YIQ color **122.2540, -3.5310, 3.4210** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **130.7460, 3.5310, -3.4210**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.3680, -3.8520, 3.7320**, and **73.8410, -3.8060, 2.8980** is the 20% darker color. If you saturate the color by 10%, you get **110.7360, -7.7040, 7.4640**, and if you desaturate by 10%, it is **133.7720, 0.6420, -0.6220**.

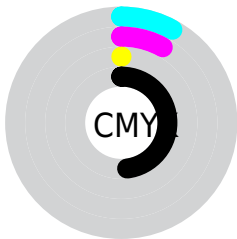
Distribution



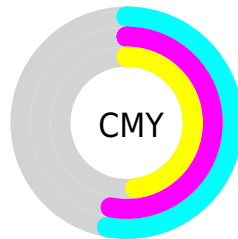
- Red (47%)
- Green (47%)
- Blue (52%)



- Red (47%)
- Yellow (47%)
- Blue (52%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.2540, -3.5310, 3.4210 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 122.2540, -3.5310, 3.4210 by changing the saturation by 10% instead.

■ 122.2540, -3.5310,
3.4210

■ 122.2540, -3.5310,
3.4210

■ 255.0000, -0.0000,
-0.0000

■ 97.2540, -3.5310,
3.4210

■ 174.3680, -3.8520,
3.7320

■ 73.8410, -3.8060,
2.8980

■ 202.3680, -3.8520,
3.7320

■ 51.1400, -3.2100,
3.1100

■ 230.3680, -3.8520,
3.7320

■ 30.0260, -2.8890,
2.7990

■ 4.5960, -4.4940,
4.3540

■ 0.0000, 0.0000,
0.0000

■ 122.2540, -3.5310,
3.4210

■ 122.2540, -3.5310,
3.4210

■ 110.7360, -7.7040,
7.4640

■ 133.7720, 0.6420,
-0.6220

■ 99.2180, -11.8770,
11.5070

■ 145.2900, 4.8150,
-4.6650

■ 86.8140, -16.3710,
15.8610

■ 157.6940, 9.3090,
-9.0190

■ 75.2960, -20.5440,
19.9040

■ 169.2120, 13.4820,
-13.0620

■ 63.7780, -24.7170,
23.9470

■ 180.7300, 17.6550,
-17.1050

■ 52.2600, -28.8900,
27.9900

■ 192.2480, 21.8280,
-21.1480

■ 40.7420, -33.0630,
32.0330

■ 203.7660, 26.0010,
-25.1910

■ 28.3380, -37.5570,

■ 216.1700, 30.4950,

36.3870

-29.5450

■ 16.8200, -41.7300,
40.4300

■ 227.6880, 34.6680,
-33.5880

Harmonies

Analogous

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



121.3350, -8.2530, 0.8910



122.2540, -3.5310, 3.4210



122.8310, 2.1540, 5.0180

Triad

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



122.2540, -3.5310, 3.4210



122.3170, 9.3530, 1.2010



120.2440, -6.7390, -4.5230

Complementary

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



122.2540, -3.5310, 3.4210



130.7460, 3.5310, -3.4210

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.



120.5820, -1.8790, -4.4950



122.2540, -3.5310, 3.4210



121.9530, 7.3820, -1.6260

Square

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



122.2540, -3.5310, 3.4210



122.7840, 9.5360, 3.3920



121.4470, 2.9350, -3.6330



120.0310, -10.4530, -3.2930

Rectangle

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



122.2540, -3.5310, 3.4210



123.3860, 4.9050, 4.7210



121.4470, 2.9350, -3.6330



120.3150, -5.5010, -4.9330

Sweetspot

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



122.2540, -3.5310, 3.4210



167.4560, -1.2840, 1.2440



128.7110, -6.5560, -2.3320



85.2280, -0.6420, 0.6220



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.



122.2540, -3.5310, 3.4210



155.9380, -5.4570, 5.2870



123.7490, -0.5510, 4.4810



60.6840, -1.9260, 1.8660



14.8200, -41.7300, 40.4300



0.3420, -0.9630, 0.9330

Inverse Universe

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



124.2890, 6.5560, 2.3320



159.0830, 10.1320, 3.6040



129.2510, 0.5510, -4.4810



61.7940, 3.5760, 1.2720



38.8700, 77.4800, 27.5600



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 122.2540, -3.5310, 3.4210 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 122.2540, -3.5310, 3.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

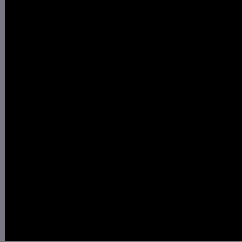
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

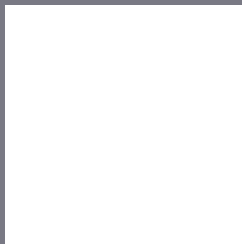
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.2540, -3.5310, 3.4210

Background



This preview shows how black text looks on a background with the YIQ color 122.2540, -3.5310, 3.4210.



This preview shows how white text looks on a background with the YIQ color 122.2540, -3.5310,

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

122.2540, -3.5310, 3.4210

Protanopia

122.2540, -3.5310, 3.4210

Deuteranopia

122.9990, 1.7410, 6.9970



Tritanopia

122.1400, -3.2100, 3.1100

Trichromacy



Original Color

122.2540, -3.5310, 3.4210

Protanomaly

122.2540, -3.5310, 3.4210

Deuteranomaly

122.6890, -0.3220, 5.8380

Tritanomaly

122.1400, -3.2100, 3.1100

Monochromacy



Original Color

122.2540, -3.5310, 3.4210

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.4560, -1.2840, 1.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.2540, -3.5310, 3.4210 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(121, 121, 132)` looks like.

```
.text, #text, p{  
    color:rgb(121, 121, 132)  
}
```

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(121, 121, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 121, 132) }
```

Border

The CSS property to change the border of an element to YIQ 122.2540, -3.5310, 3.4210 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(121, 121, 132) }
```


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

```
.border{ border-color:rgb(121, 121, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 121, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 121, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 121, 132);  
box-shadow:4px 4px 4px 4px rgb(121, 121,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 122.2540, -3.5310, 3.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 121, 132) }
```

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

```
.background{ background-color: rgb(121,  
121, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor