

Converting Colors

YIQ(99.4540, 1.0570, -13.6550)

Have a look what the booklet for
YIQ(99.4540, 1.0570, -13.6550)
contains.

YIQ(99.4540, 1.0570, -13.6550)	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(99.4540, 1.0570,
-13.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6C4B
RGB	92, 108, 75
RGB Percent	36%, 42%, 29%
CMY	0.6393, 0.5764, 0.7058
CMYK	0.15, 0.00, 0.31, 0.58
HSL	89°, 18%, 36%
HSV	89°, 31%, 42%
XYZ	11.0457, 13.5092, 8.6833
YIQ	99.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

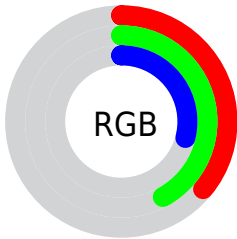
Format	Color
RYB	75, 108, 91
Decimal	6057035
CIELab	43.52, -12.56, 16.53
CIELCh	44, 20.761, 127.211
Yxy	13.5092, 0.3323, 0.4064
Android (android.graphics.Color)	4284247115 (0xFF5C6C4B)
YUV	99.4540, -12.0558, -6.5372
Hunter-Lab	36.7548, -10.6776, 11.7211

Details

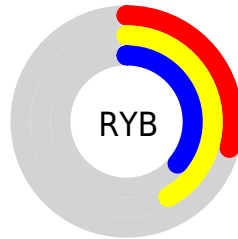
The YIQ color $99.4540, 1.0570, -13.6550$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $83.5460, -1.0570, 13.6550$, and the grayscale version is $100.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $150.2260, 1.6990, -14.2770$, and $52.7960, 0.0940, -12.7220$ is the 20% darker color. If you saturate the color by 10%, you get $96.7050, 1.6080, -18.1360$, and if you desaturate by 10%, it is $102.2030, 0.5060, -9.1740$.

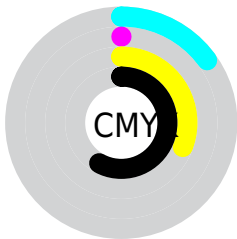
Distribution



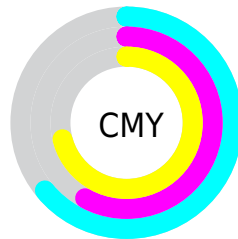
- Red (36%)
- Green (42%)
- Blue (29%)



- Red (29%)
- Yellow (42%)
- Blue (36%)



- Cyan (15%)
- Magenta (0%)
- Yellow (31%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.4540, 1.0570, -13.6550 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 99.4540, 1.0570, -13.6550 by changing the saturation by 10% instead.

■ 99.4540, 1.0570,
-13.6550

■ 99.4540, 1.0570,
-13.6550

■ 255.0000, -0.0000,
-0.0000

■ 75.5680, 0.7360,
-13.3440

■ 150.2260, 1.6990,
-14.2770

■ 52.7960, 0.0940,
-12.7220

■ 176.8130, 1.4240,
-14.8000

■ 31.2800, 1.6070,
-12.6090

■ 204.6990, 1.7450,
-15.1110

■ 11.1530, -5.2250,
-9.9370

■ 233.1720, 1.7910,
-15.9450

■ 0.0000, 0.0000,
0.0000

■ 251.7800, 6.1910,
-7.5770

■ 99.4540, 1.0570,
-13.6550

■ 99.4540, 1.0570,
-13.6550

■ 96.7050, 1.6080,
-18.1360

■ 102.2030, 0.5060,
-9.1740

■ 93.6570, 1.5630,
-22.8290

■ 104.9520, -0.0450,
-4.6930

■ 91.0220, 1.7930,
-26.9990

■ 107.8860, 0.3210,
-0.3110

■ 88.2730, 2.3440,
-31.4800

■ 110.6350, -0.2300,
4.1700

■ 85.5240, 2.8950,
-35.9610

■ 113.3840, -0.7810,
8.6510

■ 82.7750, 3.4460,
-40.4420

■ 116.1330, -1.3320,
13.1320

■ 80.1400, 3.6760,
-44.6120

■ 119.1810, -1.2870,
17.8250

■ 121.8160, -1.5170,

21.9950

■ 124.5650, -2.0680,
26.4760

Harmonies

Analogous

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



101.5160, 15.6820, -8.8780



99.4540, 1.0570, -13.6550



96.8310, -16.1820, -15.1100

Triad

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



99.4540, 1.0570, -13.6550



97.2100, -35.7620, -1.6660



105.0790, 25.1230, 12.7630

Complementary

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



99.4540, 1.0570, -13.6550



83.5460, -1.0570, 13.6550

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.



105.6140, 13.4310, 15.4070



99.4540, 1.0570, -13.6550



102.0920, -20.4500, 7.1820

Square

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



99.4540, 1.0570, -13.6550



93.5310, -41.4000, -9.6240



104.9480, -2.2490, 13.2310



104.1300, 29.1130, 6.5290

Rectangle

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



99.4540, 1.0570, -13.6550



94.8990, -28.0570, -14.6570



104.9480, -2.2490, 13.2310



105.1650, 22.0050, 14.2050

Sweetspot

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



99.4540, 1.0570, -13.6550



136.8380, 0.2760, -5.0040



94.2590, 15.2680, -1.3720



69.3050, 0.4590, -2.8130



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



99.4540, 1.0570, -13.6550



126.5970, 1.7920, -21.4720



94.6700, -8.4790, -17.0470



52.4190, 0.1380, -2.5020



86.6190, 3.5850, -48.4710



181.4890, 7.7210, -101.4230

Inverse Universe

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



83.5460, -1.0570, 13.6550



101.7020, -1.1960, 21.6840



88.3300, 8.4790, 17.0470



49.5810, -0.1380, 2.5020



30.3810, -3.5850, 48.4710



63.5110, -7.7210, 101.4230

Previews

White Background



This preview shows how the YIQ color 99.4540, 1.0570, -13.6550 looks on a white 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

Black Background



This preview shows how the YIQ color 99.4540, 1.0570, -13.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

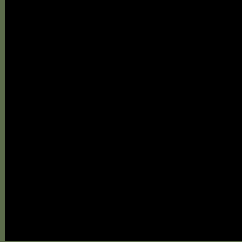
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.4540, 1.0570, -13.6550

Background



This preview shows how black text looks on a background with the YIQ color 99.4540, 1.0570, -13.6550.



This preview shows how white text looks on a background with the YIQ color 99.4540, 1.0570,

-13.6550.

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

99.4540, 1.0570, -13.6550

Protanopia

101.9720, 14.3980, -7.6340

Deuteranopia

102.4830, 20.4490, -1.6550



Tritanopia

102.2320, -6.4650, 1.5270

Trichromacy



Original Color

99.4540, 1.0570, -13.6550

Protanomaly

101.1670, 9.3550, -9.8530

Deuteranomaly

101.4280, 13.1140, -6.3900

Tritanomaly

101.3260, -4.0340, -3.9860

Monochromacy



Original Color

99.4540, 1.0570, -13.6550

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.8380, 0.2760, -5.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.4540, 1.0570, -13.6550 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(92, 108, 75)` looks like.

```
.text, #text, p{  
    color:rgb(92, 108, 75)  
}
```

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(92, 108, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 108, 75) }
```

Border

The CSS property to change the border of an element to YIQ 99.4540, 1.0570, -13.6550 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(92, 108, 75) }
```


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

```
.border{ border-color:rgb(92, 108, 75) }
```

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

Here you see how a box with a 4 pixel rgb(92, 108, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 108, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 108, 75);  
box-shadow:4px 4px 4px 4px rgb(92, 108,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 99.4540, 1.0570, -13.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 108, 75) }
```

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

```
.background{ background-color: rgb(92, 108,  
75) }
```

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