

Converting Colors

YIQ(97.1690, -2.1540, -5.0180)

Have a look what the booklet for
YIQ(97.1690, -2.1540, -5.0180)
contains.

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Color

**YIQ(97.1690, -2.1540,
-5.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	5C655B
RGB	92, 101, 91
RGB Percent	36%, 40%, 36%
CMY	0.6392, 0.6039, 0.6431
CMYK	0.09, 0.00, 0.10, 0.60
HSL	114°, 5%, 38%
HSV	114°, 10%, 40%
XYZ	10.9553, 12.3384, 11.7016
YIQ	97.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

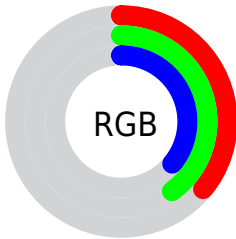
Format	Color
R_{YB}	91, 101, 100
Decimal	6055259
CIE _{Lab}	41.75, -5.59, 4.48
CIE _{LCh}	42, 7.160, 141.276
Yxy	12.3384, 0.3131, 0.3526
Android (android.graphics.Color)	4284245339 (0xFF5C655B)
YUV	97.1690, -3.0413, -4.5332
Hunter-Lab	35.1260, -5.7990, 4.8368

Details

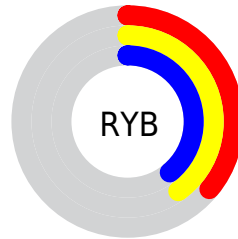
The YIQ color **97.1690, -2.1540, -5.0180** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.8310, 2.1540, 5.0180**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7560, -2.4290, -5.5410**, and **50.5820, -1.8790, -4.4950** is the 20% darker color. If you saturate the color by 10%, you get **93.3380, -4.3080, -10.0360**, and if you desaturate by 10%, it is **101.0000, -0.0000, 0.0000**.

Distribution



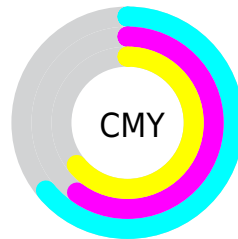
- Red (36%)
- Green (40%)
- Blue (36%)



- Red (36%)
- Yellow (40%)
- Blue (39%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.1690, -2.1540, -5.0180 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 97.1690, -2.1540, -5.0180 by changing the saturation by 10% instead.

■ 97.1690, -2.1540,
-5.0180

■ 97.1690, -2.1540,
-5.0180

■ 255.0000, -0.0000,
-0.0000

■ 73.2830, -2.4750,
-4.7070

■ 147.7560, -2.4290,
-5.5410

■ 50.5820, -1.8790,
-4.4950

■ 174.6420, -2.1080,
-5.8520

■ 29.6960, -2.2000,
-4.1840

■ 201.7560, -2.4290,
-5.5410

■ 5.8700, -2.7500,
-5.2300

■ 229.7560, -2.4290,
-5.5410

■ 0.0000, 0.0000,
0.0000

■ 253.6470, -0.5040,
-1.8800

■ 97.1690, -2.1540,
-5.0180

■ 97.1690, -2.1540,
-5.0180

■ 93.3380, -4.3080,
-10.0360

■ 101.0000, -0.0000,
0.0000

■ 89.5070, -6.4620,
-15.0540

■ 104.8310, 2.1540,
5.0180

■ 85.6760, -8.6160,
-20.0720

■ 108.6620, 4.3080,
10.0360

■ 81.8450, -10.7700,
-25.0900

■ 112.4930, 6.4620,
15.0540

■ 77.9000, -12.6030,
-30.4190

■ 116.4380, 8.2950,
20.3830

■ 73.7700, -15.3530,
-35.6490

■ 120.5680, 11.0450,
25.6130

■ 69.9390, -17.5070,
-40.6670

■ 124.3990, 13.1990,
30.6310

■ 66.1080, -19.6610,

■ 128.2300, 15.3530,

-45.6850

35.6490

■ 62.2770, -21.8150,
-50.7030

■ 132.0610, 17.5070,
40.6670

Harmonies

Analogous

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



97.7460, 3.5310, -3.4210



97.1690, -2.1540, -5.0180



96.5320, -7.6100, -5.2580

Triad

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



97.1690, -2.1540, -5.0180



98.1500, -9.1700, 0.9900



99.6700, 9.8570, 3.0810

Complementary

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



97.1690, -2.1540, -5.0180



94.8310, 2.1540, 5.0180

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.



100.0550, 7.3350, 4.7350



97.1690, -2.1540, -5.0180



99.2540, -3.5310, 3.4210

Square

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



97.1690, -2.1540, -5.0180



96.9000, -11.4620, -1.5260



99.8310, 2.1540, 5.0180



99.5020, 10.2700, 1.1020

Rectangle

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



97.1690, -2.1540, -5.0180



96.5040, -10.4070, -4.1270



99.8310, 2.1540, 5.0180



99.8980, 9.2150, 3.7030

Sweetspot

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



97.1690, -2.1540, -5.0180



128.6470, -0.5040, -1.8800



99.2730, 3.4850, -2.5870



65.1740, -0.5500, -1.0460



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



97.1690, -2.1540, -5.0180



123.9900, -3.2080, -7.9440



97.3260, -4.0340, -3.9860



48.9350, -1.3750, -2.6150



70.7940, -25.0690, -57.8130



149.2300, -52.2460, -121.4780

Inverse Universe

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



94.8310, 2.1540, 5.0180



120.3090, 3.8040, 8.1560



94.6740, 4.0340, 3.9860



47.7660, 0.7790, 2.4030



43.9070, 24.4730, 57.6010



92.7700, 52.2460, 121.4780

Previews

White Background



This preview shows how the YIQ color 97.1690, -2.1540, -5.0180 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 97.1690, -2.1540, -5.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

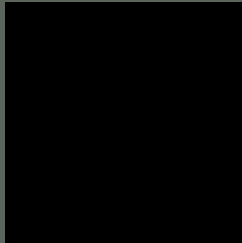
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.1690, -2.1540, -5.0180

Background



This preview shows how black text looks on a background with the YIQ color 97.1690, -2.1540, -5.0180.



This preview shows how white text looks on a background with the YIQ color 97.1690, -2.1540, -5.0180.

-5.0180.

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

97.1690, -2.1540, -5.0180

Protanopia

98.1700, 5.2730, -1.9510

Deuteranopia

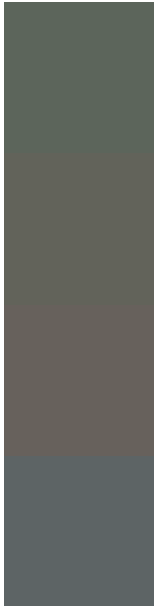
99.1430, 9.9030, 2.2470



Tritanopia

98.4170, -5.5480, 1.4280

Trichromacy



Original Color

97.1690, -2.1540, -5.0180

Protanomaly

97.6750, 2.2930, -3.0110

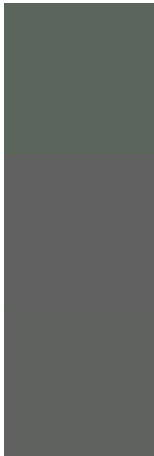
Deuteranomaly

98.2240, 5.1810, -0.2830

Tritanomaly

98.0210, -4.4930, -1.1730

Monochromacy



Original Color

97.1690, -2.1540, -5.0180

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.7610, -0.8250, -1.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.1690, -2.1540, -5.0180 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, 101, 91)` looks like.

```
.text, #text, p{  
    color:rgb(92, 101, 91)  
}
```

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, 101, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 101, 91) }
```

Border

The CSS property to change the border of an element to YIQ 97.1690, -2.1540, -5.0180 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, 101, 91) }
```


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

```
.border{ border-color:rgb(92, 101, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 101, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 101, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 101, 91);  
box-shadow:4px 4px 4px 4px rgb(92, 101,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 97.1690, -2.1540, -5.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 101, 91) }
```

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

```
.background{ background-color: rgb(92, 101,  
91) }
```

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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