

Converting Colors

YIQ(93.7920, 5.9170, -13.6270)

Have a look what the booklet for
YIQ(93.7920, 5.9170, -13.6270)
contains.

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Color

**YIQ(93.7920, 5.9170,
-13.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6540
RGB	91, 101, 64
RGB Percent	36%, 40%, 25%
CMY	0.6432, 0.6039, 0.7490
CMYK	0.10, 0.00, 0.37, 0.60
HSL	76°, 22%, 32%
HSV	76°, 37%, 40%
XYZ	9.8931, 11.9020, 6.6284
YIQ	93.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

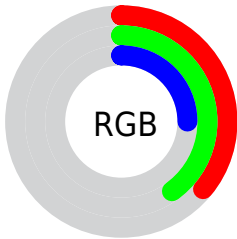
Format	Color
RYB	64, 101, 74
Decimal	5989696
CIELab	41.06, -10.75, 19.70
CIElCh	41, 22.444, 118.617
Yxy	11.9020, 0.3481, 0.4187
Android (android.graphics.Color)	4284179776 (0xFF5B6540)
YUV	93.7920, -14.6875, -2.4486
Hunter-Lab	34.4993, -9.1868, 12.7581

Details

The YIQ color **93.7920, 5.9170, -13.6270** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **71.2080, -5.9170, 13.6270**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4500, 6.8800, -14.5600**, and **47.1340, 4.9540, -12.6940** is the 20% darker color. If you saturate the color by 10%, you get **91.7550, 7.3390, -17.3730**, and if you desaturate by 10%, it is **95.8290, 4.4950, -9.8810**.

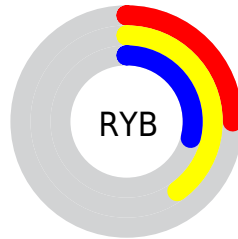
Distribution



 Red (36%)

 Green (40%)

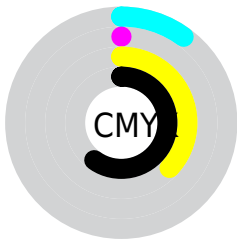
 Blue (25%)



 Red (25%)

 Yellow (40%)

 Blue (29%)

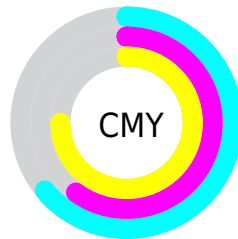


 Cyan (10%)

 Magenta (0%)

 Yellow (37%)

 Black (60%)



 Cyan (64%)

 Magenta (60%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.7920, 5.9170, -13.6270 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 93.7920, 5.9170, -13.6270 by changing the saturation by 10% instead.

■ 93.7920, 5.9170,
-13.6270

■ 93.7920, 5.9170,
-13.6270

■ 255.0000, -0.0000,
-0.0000

■ 70.0200, 5.2750,
-13.0050

■ 144.4500, 6.8800,
-14.5600

■ 47.1340, 4.9540,
-12.6940

■ 171.0370, 6.6050,
-15.0830

■ 26.8460, 5.8250,
-11.9590

■ 198.2220, 7.5220,
-15.1820

■ 4.1090, -1.9250,
-3.6610

■ 226.1080, 7.8430,
-15.4930

■ 0.0000, 0.0000,
0.0000

■ 249.9990, 9.7680,
-11.8320

■ 254.2020, 2.2470,

-2.1770

■ 93.7920, 5.9170,
-13.6270

■ 93.7920, 5.9170,
-13.6270

■ 91.7550, 7.3390,
-17.3730

■ 95.8290, 4.4950,
-9.8810

■ 90.0170, 9.3570,
-20.9070

■ 97.5670, 2.4770,
-6.3470

■ 87.9800, 10.7790,
-24.6530

■ 99.6040, 1.0550,
-2.6010

■ 85.9430, 12.2010,
-28.3990

■ 101.6410, -0.3670,
1.1450

■ 83.9060, 13.6230,
-32.1450

■ 103.7920, -2.1100,
5.2020

■ 82.0540, 15.9620,
-35.9900

■ 105.5300, -4.1280,
8.7360

■ 81.4130, 16.3290,
-37.1350

■ 107.5670, -5.5500,
12.4820

■ 109.6040, -6.9720,
16.2280

■ 111.6410, -8.3940,
19.9740

Harmonies

Analogous

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



95.4950, 20.1750, -7.7050



93.7920, 5.9170, -13.6270



91.0440, -12.4680, -16.3400

Triad

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



93.7920, 5.9170, -13.6270



88.1980, -44.6560, -5.6800



99.0620, 23.7930, 14.8410

Complementary

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



93.7920, 5.9170, -13.6270



71.2080, -5.9170, 13.6270

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.



99.2870, 10.0380, 16.3260



93.7920, 5.9170, -13.6270



94.2050, -28.1980, 4.4260

Square

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



93.7920, 5.9170, -13.6270



84.7860, -46.6720, -13.2000



98.0120, -8.3010, 12.7790



98.1950, 30.4880, 9.1440

Rectangle

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



93.7920, 5.9170, -13.6270



88.5140, -25.5350, -16.3110



98.0120, -8.3010, 12.7790



99.5500, 19.4830, 15.8590

Sweetspot

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



93.7920, 5.9170, -13.6270



127.2080, 2.1100, -5.2020



80.9330, 19.3020, 2.6140



64.4900, 1.3760, -2.9120



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.



93.7920, 5.9170, -13.6270



119.0170, 9.3570, -20.9070



88.4100, -4.8110, -17.4430



50.1310, 1.0090, -1.7670



92.6210, 18.4390, -42.3370



194.9770, 38.9420, -89.0420

Inverse Universe

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



71.2080, -5.9170, 13.6270



83.9830, -9.3570, 20.9070



76.5900, 4.8110, 17.4430



46.8690, -1.0090, 1.7670



22.3790, -18.4390, 42.3370



47.3220, -38.3460, 89.2540

Previews

White Background



This preview shows how the YIQ color 93.7920, 5.9170, -13.6270 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 93.7920, 5.9170, -13.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

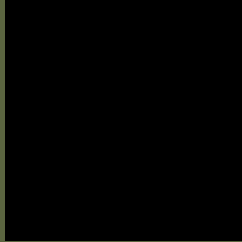
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.7920, 5.9170, -13.6270

Background



This preview shows how black text looks on a background with the YIQ color 93.7920, 5.9170, -13.6270.



This preview shows how white text looks on a background with the YIQ color 93.7920, 5.9170,

-13.6270.

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

93.7920, 5.9170, -13.6270

Protanopia

95.4020, 16.0030, -9.1890

Deuteranopia

96.7990, 22.3750, -3.5210



Tritanopia

96.9120, -2.5680, 2.4880

Trichromacy



Original Color

93.7920, 5.9170, -13.6270

Protanomaly

94.6080, 12.4270, -10.4610

Deuteranomaly

95.7550, 16.5070, -7.3090

Tritanomaly

95.7780, 0.5050, -3.6470

Monochromacy



Original Color

93.7920, 5.9170, -13.6270

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2080, 2.1100, -5.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.7920, 5.9170, -13.6270 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(91, 101, 64)` looks like.

```
.text, #text, p{  
    color:rgb(91, 101, 64)  
}
```

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(91, 101, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 101, 64) }
```

Border

The CSS property to change the border of an element to YIQ 93.7920, 5.9170, -13.6270 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(91, 101, 64) }
```


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

```
.border{ border-color:rgb(91, 101, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 101, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 101, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 101, 64);  
box-shadow:4px 4px 4px 4px rgb(91, 101,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 93.7920, 5.9170, -13.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 101, 64) }
```

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

```
.background{ background-color: rgb(91, 101,  
64) }
```

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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