

Converting Colors

YIQ(94.8670, -6.6950, 5.6970)

Have a look what the booklet for
YIQ(94.8670, -6.6950, 5.6970)
contains.

YIQ(94.8670, -6.6950, 5.6970)	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(94.8670, -6.6950,
5.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	5C5D70
RGB	92, 93, 112
RGB Percent	36%, 36%, 44%
CMY	0.6392, 0.6353, 0.5608
CMYK	0.18, 0.17, 0.00, 0.56
HSL	237°, 10%, 40%
HSV	237°, 18%, 44%
XYZ	11.2523, 11.2738, 16.9092
YIQ	94.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

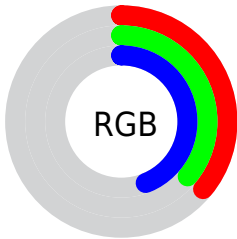
Format	Color
R_{YB}	92, 93, 112
Decimal	6053232
CIE _{Lab}	40.04, 3.97, -10.89
CIE _{LCh}	40, 11.586, 290.030
Yxy	11.2738, 0.2853, 0.2859
Android (android.graphics.Color)	4284243312 (0xFF5C5D70)
YUV	94.8670, 8.4466, -2.5144
Hunter-Lab	33.5765, 1.0607, -6.3549

Details

The YIQ color $94.8670, -6.6950, 5.6970$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $109.1330, 6.6950, -5.6970$, and the grayscale version is $95.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $145.0950, -7.3370, 6.3190$, and $48.6390, -6.0530, 5.0750$ is the 20% darker color. If you saturate the color by 10%, you get $85.1210, -10.2260, 9.1180$, and if you desaturate by 10%, it is $104.6130, -3.1640, 2.2760$.

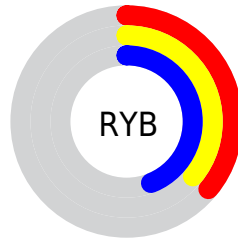
Distribution



Red (36%)

Green (36%)

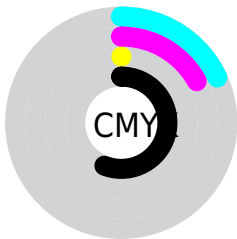
Blue (44%)



Red (36%)

Yellow (36%)

Blue (44%)

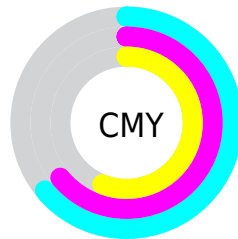


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (56%)



Cyan (64%)

Magenta (64%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.8670, -6.6950, 5.6970 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 94.8670, -6.6950, 5.6970 by changing the saturation by 10% instead.

■ 94.8670, -6.6950,
5.6970

■ 94.8670, -6.6950,
5.6970

■ 255.0000, -0.0000,
-0.0000

■ 70.8670, -6.6950,
5.6970

■ 145.0950, -7.3370,
6.3190

■ 48.6390, -6.0530,
5.0750

■ 172.0950, -7.3370,
6.3190

■ 27.5250, -5.7320,
4.7640

■ 199.2090, -7.6580,
6.6300

■ 2.5080, -7.0620,
6.8420

■ 227.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 253.8150, -0.9170,
0.0990

■ 94.8670, -6.6950,
5.6970

■ 94.8670, -6.6950,
5.6970

■ 85.1210, -10.2260,
9.1180

■ 104.6130, -3.1640,
2.2760

■ 75.9620, -14.0320,
12.0160

■ 113.7720, 0.6420,
-0.6220

■ 65.9170, -18.1590,
15.2250

■ 123.8170, 4.7690,
-3.8310

■ 56.1710, -21.6900,
18.6460

■ 133.5630, 8.3000,
-7.2520

■ 47.0120, -25.4960,
21.5440

■ 142.7220, 12.1060,
-10.1500

■ 37.2660, -29.0270,
24.9650

■ 152.4680, 15.6370,
-13.5710

■ 28.1070, -32.8330,
27.8630

■ 161.6270, 19.4430,
-16.4690

■ 18.0620, -36.9600,

■ 171.6720, 23.5700,

31.0720

-19.6780

■ 16.2900, -37.6020,
31.6940

■ 181.4180, 27.1010,
-23.0990

Harmonies

Analogous

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



93.1540, -14.9930, 1.8950



94.8670, -6.6950, 5.6970



96.1240, 2.8870, 8.2550

Triad

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



94.8670, -6.6950, 5.6970



95.4380, 16.3220, 1.5540



91.4990, -12.0110, -8.0990

Complementary

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



94.8670, -6.6950, 5.6970



109.1330, 6.6950, -5.6970

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.



91.9900, -3.2080, -7.9440



94.8670, -6.6950, 5.6970



94.6500, 12.6090, -2.7430

Square

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



94.8670, -6.6950, 5.6970



95.7740, 15.4960, 5.5120



93.5350, 5.5030, -6.1210



90.7310, -18.4760, -6.5720

Rectangle

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



94.8670, -6.6950, 5.6970



95.7610, 8.3430, 8.4950



93.5350, 5.5030, -6.1210



91.1680, -9.5810, -8.0850

Sweetspot

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



94.8670, -6.6950, 5.6970



138.7980, -2.2470, 2.1770



105.9060, -11.5990, -4.5510



70.4560, -1.2840, 1.2440



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



94.8670, -6.6950, 5.6970



119.0070, -9.9050, 8.8070



96.9710, -1.0560, 8.1280



51.2710, -2.2010, 1.3430



17.2020, -40.1700, 34.1820



35.2020, -82.5870, 70.5410

Inverse Universe

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



98.0940, 11.5990, 4.5510



124.0840, 17.5590, 6.6710



107.0290, 1.0560, -8.1280



51.9080, 3.2550, 1.5830



36.5640, 69.5940, 27.3060



75.2210, 143.3600, 56.0960

Previews

White Background



This preview shows how the YIQ color 94.8670, -6.6950, 5.6970 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 94.8670, -6.6950, 5.6970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

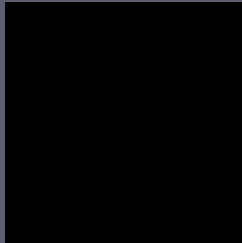
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.8670, -6.6950, 5.6970

Background



This preview shows how black text looks on a background with the YIQ color 94.8670, -6.6950, 5.6970.



This preview shows how white text looks on a background with the YIQ color 94.8670, -6.6950,

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

94.8670, -6.6950, 5.6970

Protanopia

94.2690, -7.8870, 5.2730

Deuteranopia

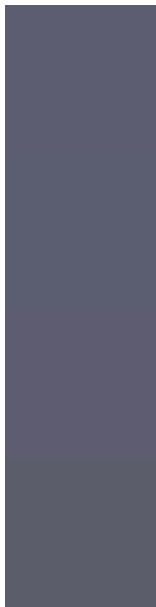
95.1770, -4.6320, 6.8560



Tritanopia

94.3030, -5.2270, 1.1170

Trichromacy



Original Color

94.8670, -6.6950, 5.6970

Protanomaly

94.5680, -7.2910, 5.4850

Deuteranomaly

94.8780, -5.2280, 6.6440

Tritanomaly

94.4710, -5.6400, 3.0960

Monochromacy



Original Color

94.8670, -6.6950, 5.6970

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.7980, -2.2470, 2.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.8670, -6.6950, 5.6970 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, 93, 112)` looks like.

```
.text, #text, p{  
    color:rgb(92, 93, 112)  
}
```

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, 93, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 93, 112) }
```

Border

The CSS property to change the border of an element to YIQ 94.8670, -6.6950, 5.6970 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, 93, 112) }
```


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

```
.border{ border-color:rgb(92, 93, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 93, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 93, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 93, 112);  
box-shadow:4px 4px 4px 4px rgb(92, 93,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 94.8670, -6.6950, 5.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 93, 112) }
```

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

```
.background{ background-color: rgb(92, 93,  
112) }
```

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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