

Converting Colors

YIQ(93.5990, 8.6190, 3.4910)

Have a look what the booklet for
YIQ(93.5990, 8.6190, 3.4910)
contains.

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Color

YIQ(93.5990, 8.6190, 3.4910)

Conversions

Conversions Part 1

Format	Color
Hex	68595A
RGB	104, 89, 90
RGB Percent	41%, 35%, 35%
CMY	0.5921, 0.6510, 0.6470
CMYK	0.00, 0.14, 0.13, 0.59
HSL	356°, 8%, 38%
HSV	356°, 14%, 41%
XYZ	11.1277, 10.8256, 11.1778
YIQ	93.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

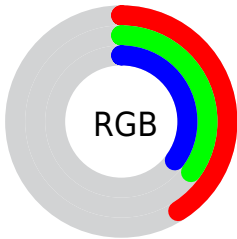
Format	Color
R_{YB}	104, 89, 90
Decimal	6838618
CIE Lab	39.29, 6.30, 1.67
CIE LCh	39, 6.521, 14.857
Yxy	10.8256, 0.3359, 0.3268
Android (android.graphics.Color)	4285028698 (0xFF68595A)
YUV	93.5990, -1.7743, 9.1217
Hunter-Lab	32.9024, 2.7901, 2.8892

Details

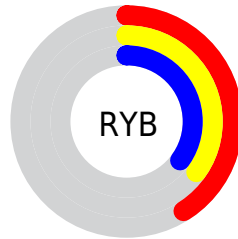
The YIQ color **93.5990, 8.6190, 3.4910** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.4010, -8.6190, -3.4910**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8980, 9.2150, 3.7030**, and **48.0010, 7.4270, 3.0670** is the 20% darker color. If you saturate the color by 10%, you get **86.5890, 14.5790, 5.6110**, and if you desaturate by 10%, it is **100.6090, 2.6590, 1.3710**.

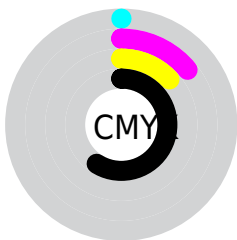
Distribution



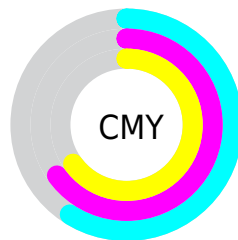
- Red (41%)
- Green (35%)
- Blue (35%)



- Red (41%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (59%)



- Cyan (59%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.5990, 8.6190, 3.4910 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 93.5990, 8.6190, 3.4910 by changing the saturation by 10% instead.

■ 93.5990, 8.6190,
3.4910

■ 93.5990, 8.6190,
3.4910

■ 255.0000, -0.0000,
-0.0000

■ 70.3000, 8.0230,
3.2790

■ 143.8980, 9.2150,
3.7030

■ 48.0010, 7.4270,
3.0670

■ 170.1970, 9.8110,
3.9150

■ 26.7020, 6.8310,
2.8550

■ 197.4960, 10.4070,
4.1270

■ 2.3920, 4.7680,
1.6960

■ 225.4960, 10.4070,
4.1270

■ 0.0000, 0.0000,
0.0000

■ 250.9080, 3.2550,
1.5830

■ 93.5990, 8.6190,
3.4910

■ 93.5990, 8.6190,
3.4910

■ 86.5890, 14.5790,
5.6110

■ 100.6090, 2.6590,
1.3710

■ 79.1060, 20.4930,
8.5650

■ 108.0920, -3.2550,
-1.5830

■ 72.0960, 26.4530,
10.6850

■ 115.1020, -9.2150,
-3.7030

■ 64.4990, 32.6880,
13.3280

■ 122.6990,
-15.4500, -6.3460

■ 57.6030, 38.3270,
15.7590

■ 129.7090,
-21.4100, -8.4660

■ 50.5930, 44.2870,
17.8790

■ 136.6050,
-27.0490, -10.8970

■ 42.9960, 50.5220,
20.5220

■ 144.2020,
-33.2840, -13.5400

■ 35.9860, 56.4820,

■ 151.2120,

22.6420

-39.2440, -15.6600

■ 31.8940, 59.7370,
24.2250

■ 158.6950,
-45.1580, -18.6140

Harmonies

Analogous

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



93.5710, 5.8220, 4.6220



93.5990, 8.6190, 3.4910



93.3170, 9.3530, 1.2010

Triad

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



93.5990, 8.6190, 3.4910



91.7670, -0.9620, -4.5940



92.0360, -8.8490, 0.6790

Complementary

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



93.5990, 8.6190, 3.4910



99.4010, -8.6190, -3.4910

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.



91.0850, -10.5450, -1.6250



93.5990, 8.6190, 3.4910



91.4290, -5.8220, -4.6220

Square

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



93.5990, 8.6190, 3.4910



92.0450, 4.1270, -3.2090



91.1020, -9.2150, -3.7030



92.6560, -4.7230, 2.9970

Rectangle

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



93.5990, 8.6190, 3.4910



93.0780, 8.5280, -0.3680



91.1020, -9.2150, -3.7030



91.3240, -9.7200, -0.0560

Sweetspot

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



93.5990, 8.6190, 3.4910



131.4950, 2.9800, 1.0600



94.8960, 3.5290, 7.6330



66.3100, 2.0630, 1.1590



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



93.5990, 8.6190, 3.4910



119.1050, 13.0660, 5.4980



97.0070, 7.2900, 0.0420



47.4950, 2.9800, 1.0600



35.2970, 65.9720, 26.8680



74.1820, 139.0960, 56.2800

Inverse Universe

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



93.5990, 8.6190, 3.4910



119.1050, 13.0660, 5.4980



95.9930, -7.2900, -0.0420



47.4950, 2.9800, 1.0600



35.2970, 65.9720, 26.8680



74.1820, 139.0960, 56.2800

Previews

White Background



This preview shows how the YIQ color 93.5990, 8.6190, 3.4910 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 93.5990, 8.6190, 3.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

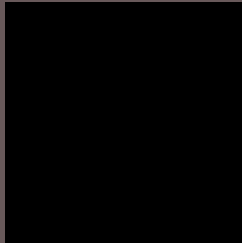
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.5990, 8.6190, 3.4910

Background



This preview shows how black text looks on a background with the YIQ color 93.5990, 8.6190, 3.4910.

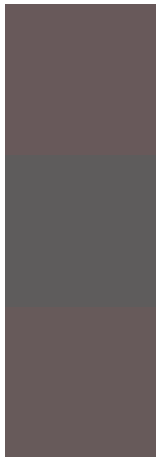


This preview shows how white text looks on a background with the YIQ color 93.5990, 8.6190, 3.4910.

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

93.5990, 8.6190, 3.4910

Protanopia

92.5980, 1.1920, 0.4240

Deuteranopia

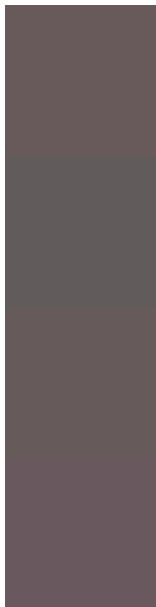
93.8870, 7.7480, 2.7560



Tritanopia

93.8810, 7.8850, 5.7810

Trichromacy



Original Color

93.5990, 8.6190, 3.4910

Protanomaly

93.0930, 4.1720, 1.4840

Deuteranomaly

93.8870, 7.7480, 2.7560

Tritanomaly

93.6530, 8.5270, 5.1590

Monochromacy



Original Color

93.5990, 8.6190, 3.4910

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9080, 3.2550, 1.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.5990, 8.6190, 3.4910 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(104, 89, 90)` looks like.

```
.text, #text, p{  
    color:rgb(104, 89, 90)  
}
```

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(104, 89, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 89, 90) }
```

Border

The CSS property to change the border of an element to YIQ 93.5990, 8.6190, 3.4910 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(104, 89, 90) }
```

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

```
.border{ border-color:rgb(104, 89, 90) }
```

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

Here you see how a box with a 4 pixel rgb(104, 89, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 89, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 89, 90);  
box-shadow:4px 4px 4px 4px rgb(104, 89,  
90) }
```


Background

The CSS property to change the background color of an element to YIQ 93.5990, 8.6190, 3.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 89, 90) }
```

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

```
.background{ background-color: rgb(104, 89,  
90) }
```

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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