

Converting Colors

YIQ(94.4450, 6.4170, 10.3610)

Have a look what the booklet for
YIQ(94.4450, 6.4170, 10.3610)
contains.

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Color

**YIQ(94.4450, 6.4170,
10.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5669
RGB	107, 86, 105
RGB Percent	42%, 34%, 41%
CMY	0.5803, 0.6628, 0.5882
CMYK	0.00, 0.20, 0.02, 0.58
HSL	306°, 11%, 38%
HSV	306°, 20%, 42%
XYZ	11.9423, 10.8009, 14.8207
YIQ	94.4450, 6.4170, 10.3610

Conversions

Conversions Part 2

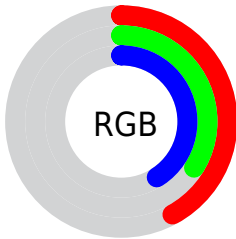
Format	Color
R_{YB}	107, 86, 105
Decimal	7034473
CIE Lab	39.24, 12.31, -7.63
CIE LCh	39, 14.488, 328.203
Yxy	10.8009, 0.3179, 0.2875
Android (android.graphics.Color)	4285224553 (0xFF6B5669)
YUV	94.4450, 5.2036, 11.0107
Hunter-Lab	32.8648, 7.3496, -3.7321

Details

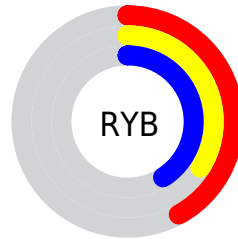
The YIQ color **94.4450, 6.4170, 10.3610** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.5550, -6.4170, -10.3610**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1570, 7.2880, 11.0960**, and **48.3200, 5.2710, 9.1030** is the 20% darker color. If you saturate the color by 10%, you get **87.8740, 9.7630, 15.8030**, and if you desaturate by 10%, it is **101.0160, 3.0710, 4.9190**.

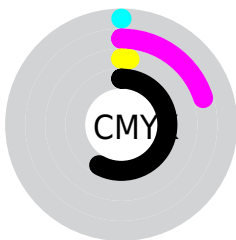
Distribution



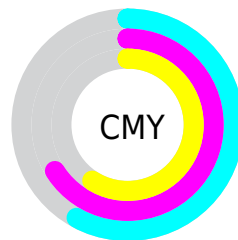
- Red (42%)
- Green (34%)
- Blue (41%)



- Red (42%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (58%)



- Cyan (58%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.4450, 6.4170, 10.3610 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 94.4450, 6.4170, 10.3610 by changing the saturation by 10% instead.

■ 94.4450, 6.4170,
10.3610

■ 94.4450, 6.4170,
10.3610

■ 255.0000, -0.0000,
-0.0000

■ 71.0320, 6.1420,
9.8380

■ 145.1570, 7.2880,
11.0960

■ 48.3200, 5.2710,
9.1030

■ 171.5700, 7.5630,
11.6190

■ 26.9070, 4.9960,
8.5800

■ 198.6840, 7.2420,
11.9300

■ 6.1950, 4.1250,
7.8450

■ 226.9830, 7.8380,
12.1420

■ 0.0000, 0.0000,
0.0000

■ 249.1300, 2.7500,
5.2300

■ 94.4450, 6.4170,
10.3610

■ 94.4450, 6.4170,
10.3610

■ 87.8740, 9.7630,
15.8030

■ 101.0160, 3.0710,
4.9190

■ 81.8900, 12.8340,
20.7220

■ 107.0000, -0.0000,
0.0000

■ 75.3190, 16.1800,
26.1640

■ 113.5710, -3.3460,
-5.4420

■ 68.7480, 19.5260,
31.6060

■ 120.1420, -6.6920,
-10.8840

■ 62.1770, 22.8720,
37.0480

■ 126.7130,
-10.0380, -16.3260

■ 56.1930, 25.9430,
41.9670

■ 132.6970,
-13.1090, -21.2450

■ 49.6220, 29.2890,
47.4090


■ 139.2680,
-16.4550, -26.6870

■ 43.0510, 32.6350,

■ 145.8390,

52.8510

-19.8010, -32.1290

 151.8230,
-22.8720, -37.0480

Harmonies

Analogous

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



93.5190, -5.5950, 7.7890



94.4450, 6.4170, 10.3610



94.4090, 15.2660, 9.6820

Triad

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



94.4450, 6.4170, 10.3610



91.7810, 13.6180, -4.5100



87.4960, -25.1240, -7.2360

Complementary

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



94.4450, 6.4170, 10.3610



98.5550, -6.4170, -10.3610

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.



87.6230, -18.2920, -9.9080



94.4450, 6.4170, 10.3610



90.5840, 3.8070, -8.4250

Square

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



94.4450, 6.4170, 10.3610



93.4660, 19.1190, 0.4230



89.3700, -7.3340, -10.2620



88.8430, -24.4830, -2.3310

Rectangle

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



94.4450, 6.4170, 10.3610



94.0950, 19.0260, 7.6180



89.3700, -7.3340, -10.2620



87.3390, -23.2440, -8.2680

Sweetspot

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



94.4450, 6.4170, 10.3610



135.1900, 2.5210, 3.8730



88.9920, -5.5490, 6.9550



68.0650, 1.3750, 2.6150



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.



94.4450, 6.4170, 10.3610



120.2870, 10.0380, 16.3260



93.3050, 9.6270, 7.2510



50.3640, 1.9710, 2.8270



47.0670, 35.7060, 57.7700



98.4490, 75.0790, 120.6710

Inverse Universe

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



94.4450, 6.4170, 10.3610



120.2870, 10.0380, 16.3260



99.6950, -9.6270, -7.2510



50.3640, 1.9710, 2.8270



47.0670, 35.7060, 57.7700



98.4490, 75.0790, 120.6710

Previews

White Background



This preview shows how the YIQ color 94.4450, 6.4170, 10.3610 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 94.4450, 6.4170, 10.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

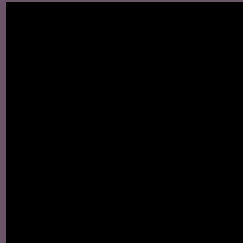
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.4450, 6.4170, 10.3610

Background



This preview shows how black text looks on a background with the YIQ color 94.4450, 6.4170, 10.3610.



This preview shows how white text looks on a background with the YIQ color 94.4450, 6.4170,

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

94.4450, 6.4170, 10.3610

Protanopia

93.0410, -7.2450, 4.6510

Deuteranopia

93.3900, -0.9180, 5.6260



Tritanopia

94.1800, 8.4810, 5.9930

Trichromacy



Original Color

94.4450, 6.4170, 10.3610

Protanomaly

93.8460, -2.2020, 6.8700

Deuteranomaly

93.9990, 1.7410, 6.9970

Tritanomaly

94.0490, 7.4720, 7.7600

Monochromacy



Original Color

94.4450, 6.4170, 10.3610

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1900, 2.5210, 3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.4450, 6.4170, 10.3610 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(107, 86, 105)` looks like.

```
.text, #text, p{  
    color:rgb(107, 86, 105)  
}
```

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(107, 86, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 86, 105) }
```

Border

The CSS property to change the border of an element to YIQ 94.4450, 6.4170, 10.3610 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(107, 86, 105) }
```


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

```
.border{ border-color:rgb(107, 86, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 86, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 86, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 86, 105); box-shadow:4px 4px 4px 4px rgb(107, 86, 105) }
```

Background

The CSS property to change the background color of an element to YIQ 94.4450, 6.4170, 10.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 86, 105) }
```

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

```
.background{ background-color: rgb(107, 86,  
105) }
```

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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