

Converting Colors

YIQ(99.5590, 6.0960, 10.6720)

Have a look what the booklet for
YIQ(99.5590, 6.0960, 10.6720)
contains.

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Color

**YIQ(99.5590, 6.0960,
10.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	705B6F
RGB	112, 91, 111
RGB Percent	44%, 36%, 44%
CMY	0.5607, 0.6432, 0.5647
CMYK	0.00, 0.19, 0.01, 0.56
HSL	303°, 10%, 40%
HSV	303°, 19%, 44%
XYZ	13.2938, 12.0742, 16.6695
YIQ	99.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

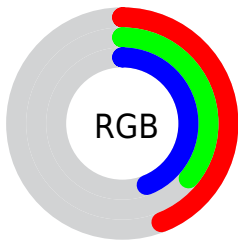
Format	Color
R _Y B	112, 91, 111
Decimal	7363439
CIE Lab	41.33, 12.41, -8.14
CIE LCh	41, 14.844, 326.744
Yxy	12.0742, 0.3162, 0.2872
Android (android.graphics.Color)	4285553519 (0xFF705B6F)
YUV	99.5590, 5.6404, 10.9108
Hunter-Lab	34.7480, 7.4813, -4.1193

Details

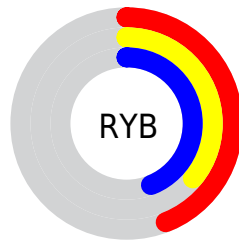
The YIQ color $99.5590, 6.0960, 10.6720$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $103.4410, -6.0960, -10.6720$, and the grayscale version is $99.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $150.3850, 6.6460, 11.7180$, and $52.7330, 5.5460, 9.6260$ is the 20% darker color. If you saturate the color by 10%, you get $92.9880, 9.4420, 16.1140$, and if you desaturate by 10%, it is $106.1300, 2.7500, 5.2300$.

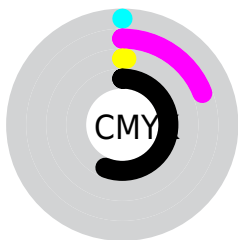
Distribution



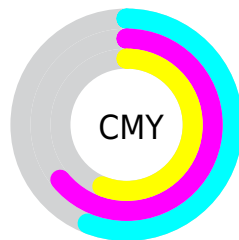
- Red (44%)
- Green (36%)
- Blue (44%)



- Red (44%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (56%)



- Cyan (56%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.5590, 6.0960, 10.6720 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 99.5590, 6.0960, 10.6720 by changing the saturation by 10% instead.

■ 99.5590, 6.0960,
10.6720

■ 99.5590, 6.0960,
10.6720

■ 255.0000, -0.0000,
-0.0000

■ 75.2600, 5.5000,
10.4600

■ 150.3850, 6.6460,
11.7180

■ 52.7330, 5.5460,
9.6260

■ 177.3850, 6.6460,
11.7180

■ 31.3200, 5.2710,
9.1030

■ 204.6840, 7.2420,
11.9300

■ 9.2710, 6.9670,
11.4070

■ 233.0970, 7.5170,
12.4530

■ 0.0000, 0.0000,
0.0000

■ 252.6520, 1.1000,
2.0920

■ 99.5590, 6.0960,
10.6720

■ 99.5590, 6.0960,
10.6720

■ 92.9880, 9.4420,
16.1140

■ 106.1300, 2.7500,
5.2300

■ 86.5310, 12.4670,
21.8670

■ 112.5870, -0.2750,
-0.5230

■ 79.3730, 16.0880,
27.8320

■ 119.7450, -3.8960,
-6.4880

■ 72.9160, 19.1130,
33.5850

■ 126.2020, -6.9210,
-12.2410

■ 66.3450, 22.4590,
39.0270

■ 132.7730,
-10.2670, -17.6830

■ 59.8880, 25.4840,
44.7800

■ 139.2300,
-13.2920, -23.4360

■ 53.3170, 28.8300,
50.2220

■ 145.8010,
-16.6380, -28.8780

■ 46.2730, 32.1300,

■ 152.8450,

56.4980

-19.9380, -35.1540

■ 45.6860, 32.4050,
57.0210

■ 159.4160,
-23.2840, -40.5960

Harmonies

Analogous

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



98.6330, -5.9160, 8.1000



99.5590, 6.0960, 10.6720



99.7080, 15.8620, 9.8940

Triad

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



99.5590, 6.0960, 10.6720



96.9660, 14.5350, -4.6090



92.1970, -25.7200, -7.4480

Complementary

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



99.5590, 6.0960, 10.6720



103.4410, -6.0960, -10.6720

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.



92.6230, -18.2920, -9.9080



99.5590, 6.0960, 10.6720



95.7690, 4.7240, -8.5240

Square

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



99.5590, 6.0960, 10.6720



98.1780, 19.9900, 1.1580



94.2560, -7.0130, -10.5730



93.5440, -25.0790, -2.5430

Rectangle

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



99.5590, 6.0960, 10.6720



99.3940, 19.6220, 7.8300



94.2560, -7.0130, -10.5730



92.0400, -23.8400, -8.4800

Sweetspot

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



99.5590, 6.0960, 10.6720



140.3040, 2.2000, 4.1840



93.6930, -6.1450, 6.7430



71.0650, 1.3750, 2.6150



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.



99.5590, 6.0960, 10.6720



125.5150, 9.3960, 16.9480



98.4190, 9.3060, 7.5620



52.4780, 1.6500, 3.1380



48.8760, 34.9260, 60.8940



100.6430, 71.7770, 125.4490

Inverse Universe

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



99.5590, 6.0960, 10.6720



125.5150, 9.3960, 16.9480



104.5810, -9.3060, -7.5620



52.4780, 1.6500, 3.1380



48.8760, 34.9260, 60.8940



100.6430, 71.7770, 125.4490

Previews

White Background



This preview shows how the YIQ color 99.5590, 6.0960, 10.6720 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 99.5590, 6.0960, 10.6720 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 99.5590, 6.0960, 10.6720

Background



This preview shows how black text looks on a background with the YIQ color 99.5590, 6.0960, 10.6720.



This preview shows how white text looks on a background with the YIQ color 99.5590, 6.0960,

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

99.5590, 6.0960, 10.6720

Protanopia

98.1550, -7.5660, 4.9620

Deuteranopia

98.5040, -1.2390, 5.9370



Tritanopia

98.8810, 7.8850, 5.7810

Trichromacy



Original Color

99.5590, 6.0960, 10.6720

Protanomaly

98.9600, -2.5230, 7.1810

Deuteranomaly

99.1130, 1.4200, 7.3080

Tritanomaly

99.0490, 7.4720, 7.7600

Monochromacy



Original Color

99.5590, 6.0960, 10.6720

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.8910, 1.9250, 3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.5590, 6.0960, 10.6720 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(112, 91, 111)` looks like.

```
.text, #text, p{  
    color:rgb(112, 91, 111)  
}
```

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(112, 91, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 91, 111) }
```

Border

The CSS property to change the border of an element to YIQ 99.5590, 6.0960, 10.6720 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(112, 91, 111) }
```


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

```
.border{ border-color:rgb(112, 91, 111) }
```

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

Here you see how a box with a 4 pixel rgb(112, 91, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 91, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 91, 111);  
box-shadow:4px 4px 4px 4px rgb(112, 91,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 99.5590, 6.0960, 10.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 91, 111) }
```

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

```
.background{ background-color: rgb(112, 91,  
111) }
```

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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