

Converting Colors

YIQ(92.9690, -6.7420, 12.0580)

Have a look what the booklet for
YIQ(92.9690, -6.7420, 12.0580)
contains.

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Color

**YIQ(92.9690, -6.7420,
12.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5779
RGB	94, 87, 121
RGB Percent	37%, 34%, 47%
CMY	0.6313, 0.6588, 0.5255
CMYK	0.22, 0.28, 0.00, 0.53
HSL	252°, 16%, 41%
HSV	252°, 28%, 47%
XYZ	11.4754, 10.5763, 19.5214
YIQ	92.9690, -6.7420, 12.0580

Conversions

Conversions Part 2

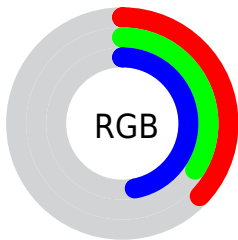
Format	Color
R_{YB}	94, 87, 121
Decimal	6182777
CIE _{Lab}	38.86, 10.67, -18.19
CIE _{LCh}	39, 21.091, 300.387
Yxy	10.5763, 0.2760, 0.2544
Android (android.graphics.Color)	4284372857 (0xFF5E5779)
YUV	92.9690, 13.8193, 0.9042
Hunter-Lab	32.5212, 6.0734, -12.8251

Details

The YIQ color **92.9690, -6.7420, 12.0580** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **115.0310, 6.7420, -12.0580**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.4960, -6.7880, 12.8920**, and **46.9150, -6.6500, 10.3900** is the 20% darker color. If you saturate the color by 10%, you get **82.9350, -9.4020, 16.2140**, and if you desaturate by 10%, it is **103.0030, -4.0820, 7.9020**.

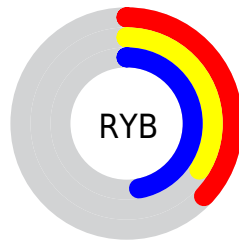
Distribution



Red (37%)

Green (34%)

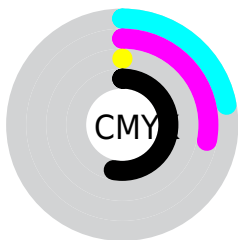
Blue (47%)



Red (37%)

Yellow (34%)

Blue (47%)

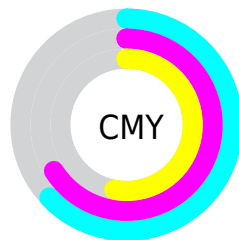


Cyan (22%)

Magenta (28%)

Yellow (0%)

Black (53%)



Cyan (63%)

Magenta (66%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.9690, -6.7420, 12.0580 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 92.9690, -6.7420, 12.0580 by changing the saturation by 10% instead.

■ 92.9690, -6.7420,
12.0580

■ 92.9690, -6.7420,
12.0580

■ 255.0000, -0.0000,
-0.0000

■ 69.4420, -6.6960,
11.2240

■ 143.4960, -6.7880,
12.8920

■ 46.9150, -6.6500,
10.3900

■ 170.0230, -6.8340,
13.7260

■ 25.5020, -6.9250,
9.8670

■ 197.1370, -7.1550,
14.0370

■ 3.3060, -9.3090,
9.0190

■ 224.9090, -6.5130,
13.4150

■ 0.0000, 0.0000,
0.0000

■ 249.7170, 2.4750,
4.7070

■ 92.9690, -6.7420,
12.0580

■ 92.9690, -6.7420,
12.0580

■ 82.9350, -9.4020,
16.2140

■ 103.0030, -4.0820,
7.9020

■ 73.2000, -11.4660,
20.5820

■ 112.7380, -2.0180,
3.5340

■ 63.1660, -14.1260,
24.7380

■ 122.7720, 0.6420,
-0.6220

■ 53.4310, -16.1900,
29.1060

■ 132.5070, 2.7060,
-4.9900

■ 43.3970, -18.8500,
33.2620

■ 142.5410, 5.3660,
-9.1460

■ 32.7760, -21.2350,
37.9410

■ 153.1620, 7.7510,
-13.8250

■ 23.0410, -23.2990,
42.3090

■ 162.8970, 9.8150,
-18.1930

■ 21.2690, -23.9410,

■ 172.9310, 12.4750,

42.9310

-22.3490

 182.6660, 14.5390,
-26.7170

Harmonies

Analogous

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



89.4720, -24.5760, 4.8640



92.9690, -6.7420, 12.0580



93.7600, 10.0840, 15.4920

Triad

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



92.9690, -6.7420, 12.0580



91.9460, 26.4550, -0.3690



83.1160, -30.1660, -14.9820

Complementary

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



92.9690, -6.7420, 12.0580



115.0310, 6.7420, -12.0580

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.



85.9840, -12.2390, -14.9830



92.9690, -6.7420, 12.0580



90.1250, 18.3410, -7.5070

Square

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



92.9690, -6.7420, 12.0580



92.8850, 28.4250, 7.9850



88.8350, 4.3580, -12.9060



80.5800, -43.0960, -11.9280

Rectangle

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



92.9690, -6.7420, 12.0580



93.7240, 18.9330, 14.8130



88.8350, 4.3580, -12.9060



83.6390, -24.3890, -15.0530

Sweetspot

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



92.9690, -6.7420, 12.0580



147.3790, -2.3850, 4.6790



106.7250, -18.3390, -3.5470



72.5100, -1.3760, 2.9120



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



92.9690, -6.7420, 12.0580



113.4450, -10.7780, 19.1260



98.0520, 3.3900, 15.6620



55.9830, -1.3300, 2.0780



22.0240, -24.6290, 44.3870



44.2760, -49.9000, 89.3960

Inverse Universe

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



100.2440, 11.5970, 15.6050



125.0480, 18.3810, 24.8210



109.9480, -3.3900, -15.6620



57.3640, 1.9710, 2.8270



48.6610, 42.7210, 57.2890



98.1480, 85.9920, 115.6240

Previews

White Background



This preview shows how the YIQ color 92.9690, -6.7420, 12.0580 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 92.9690, -6.7420, 12.0580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

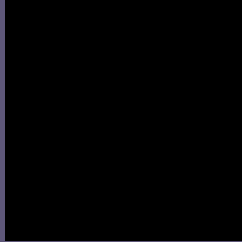
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.9690, -6.7420, 12.0580

Background



This preview shows how black text looks on a background with the YIQ color 92.9690, -6.7420, 12.0580.



This preview shows how white text looks on a background with the YIQ color 92.9690, -6.7420,

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

92.9690, -6.7420, 12.0580

Protanopia

91.4840, -15.6820, 8.8780

Deuteranopia

91.9250, -12.6100, 8.2700



Tritanopia

91.4990, -2.8430, 1.9650

Trichromacy



Original Color

92.9690, -6.7420, 12.0580

Protanomaly

91.9790, -12.7020, 9.9380

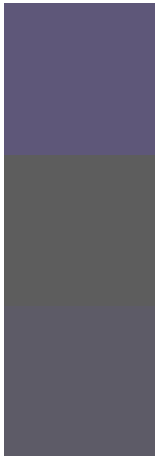
Deuteranomaly

92.2350, -10.5470, 9.4290

Tritanomaly

92.1230, -4.5400, 5.1880

Monochromacy



Original Color

92.9690, -6.7420, 12.0580

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.9660, -2.6600, 4.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.9690, -6.7420, 12.0580 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(94, 87, 121)` looks like.

```
.text, #text, p{  
    color:rgb(94, 87, 121)  
}
```

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(94, 87, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 87, 121) }
```

Border

The CSS property to change the border of an element to YIQ 92.9690, -6.7420, 12.0580 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(94, 87, 121) }
```


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

```
.border{ border-color:rgb(94, 87, 121) }
```

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

Here you see how a box with a 4 pixel rgb(94, 87, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 87, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 87, 121);  
box-shadow:4px 4px 4px 4px rgb(94, 87,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 92.9690, -6.7420, 12.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 87, 121) }
```

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

```
.background{ background-color: rgb(94, 87,  
121) }
```

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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