

Converting Colors

YIQ(97.5860, -6.5610, 25.3030)

Have a look what the booklet for
YIQ(97.5860, -6.5610, 25.3030)
contains.

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Color

**YIQ(97.5860, -6.5610,
25.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5394
RGB	107, 83, 148
RGB Percent	42%, 33%, 58%
CMY	0.5803, 0.6745, 0.4197
CMYK	0.28, 0.44, 0.00, 0.42
HSL	262°, 28%, 45%
HSV	262°, 44%, 58%
XYZ	14.5026, 11.4498, 29.4546
YIQ	97.5860, -6.5610, 25.3030

Conversions

Conversions Part 2

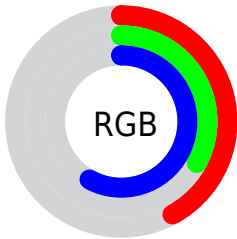
Format	Color
R_{YB}	107, 83, 148
Decimal	7033748
CIE _{Lab}	40.33, 24.39, -32.23
CIE _{LCh}	40, 40.418, 307.114
Yxy	11.4498, 0.2617, 0.2066
Android (android.graphics.Color)	4285223828 (0xFF6B5394)
YUV	97.5860, 24.8541, 8.2561
Hunter-Lab	33.8376, 17.2885, -27.9237

Details

The YIQ color $[97.5860, -6.5610, 25.3030]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[133.4140, 6.5610, -25.3030]$, and the grayscale version is $[97.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[148.9390, -6.0570, 27.1830]$, and $[49.8200, -7.3400, 22.9000]$ is the 20% darker color. If you saturate the color by 10%, you get $[86.0900, -7.8000, 31.2400]$, and if you desaturate by 10%, it is $[109.0820, -5.3220, 19.3660]$.

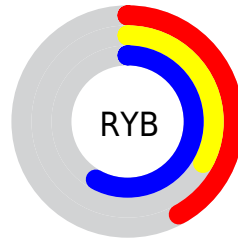
Distribution



Red (42%)

Green (33%)

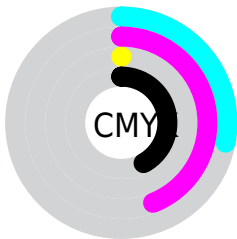
Blue (58%)



Red (42%)

Yellow (33%)

Blue (58%)

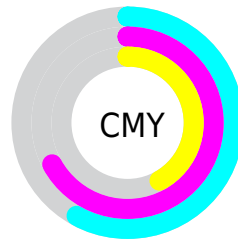


Cyan (28%)

Magenta (44%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (67%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.5860, -6.5610, 25.3030 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 97.5860, -6.5610, 25.3030 by changing the saturation by 10% instead.

■ 97.5860, -6.5610,
25.3030

■ 97.5860, -6.5610,
25.3030

■ 255.0000, -0.0000,
-0.0000

■ 73.6460, -6.7900,
23.9460

■ 148.9390, -6.0570,
27.1830

■ 49.8200, -7.3400,
22.9000

■ 175.5800, -6.4240,
28.3280

■ 27.5810, -8.1650,
21.3310

■ 202.8360, -4.2690,
27.8190

■ 10.1850, -7.1100,
18.7300

■ 227.6440, 4.7190,
19.1110

■ 3.7790, -9.2630,
8.1850

■ 247.3690, 3.5750,
6.7990

■ 0.0000, 0.0000,
0.0000

■ 97.5860, -6.5610,
25.3030

■ 97.5860, -6.5610,
25.3030

■ 86.0900, -7.8000,
31.2400

■ 109.0820, -5.3220,
19.3660

■ 74.2950, -9.6350,
36.9650

■ 120.8770, -3.4870,
13.6410

■ 63.3860, -11.1490,
42.3790

■ 131.7860, -1.9730,
8.2270

■ 51.8900, -12.3880,
48.3160

■ 143.2820, -0.7340,
2.2900

■ 40.0950, -14.2230,
54.0410

■ 155.0770, 1.1010,
-3.4350

■ 33.3170, -14.7280,
57.6880

■ 166.5730, 2.3400,
-9.3720

■ 178.0690, 3.5790,
-15.3090

■ 189.2770, 5.6890,

-20.5110

■ 200.7730, 6.9280,
-26.4480

Harmonies

Analogous

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



87.2640, -53.0490, 8.7670



97.5860, -6.5610, 25.3030



97.0430, 25.9450, 30.9130

Triad

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



97.5860, -6.5610, 25.3030



92.8370, 45.5750, -5.4730



76.7850, -63.2670, -26.3310

Complementary

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



97.5860, -6.5610, 25.3030



133.4140, 6.5610, -25.3030

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.



73.2300, -48.8230, -34.7990



97.5860, -6.5610, 25.3030



90.7820, 29.0720, -20.2720

Square

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



97.5860, -6.5610, 25.3030



93.3240, 52.1740, 12.6060



86.7230, 1.1970, -27.2110



79.8460, -73.2640, -15.8560

Rectangle

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



97.5860, -6.5610, 25.3030



95.3020, 41.2130, 29.5410



86.7230, 1.1970, -27.2110



75.5310, -59.7360, -29.7520

Sweetspot

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



97.5860, -6.5610, 25.3030



171.8400, -2.0650, 9.8950



114.4770, -32.1400, -1.2280



84.6180, -1.5600, 6.2480



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



97.5860, -6.5610, 25.3030



112.5770, -10.3690, 39.2550



107.1540, 12.5110, 32.0870



68.3960, -1.0550, 2.6010



30.9810, -13.9020, 53.7300



2.3360, -0.8260, 3.9580

Inverse Universe

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



107.1090, 25.5790, 26.5310



127.4950, 39.6520, 41.3160



123.8460, -12.5110, -32.0870



69.5490, 2.8880, 2.7280



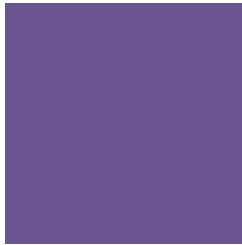
51.1800, 54.3210, 56.3130



3.6740, 4.0340, 3.9860

Previews

White Background



This preview shows how the YIQ color 97.5860, -6.5610, 25.3030 looks on a white background.

Color Contrast Check

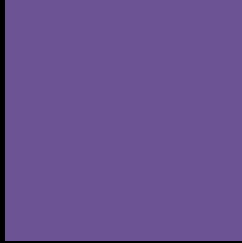
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.5860, -6.5610, 25.3030 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 97.5860, -6.5610, 25.3030

Background



This preview shows how black text looks on a background with the YIQ color 97.5860, -6.5610, 25.3030.



This preview shows how white text looks on a background with the YIQ color 97.5860, -6.5610,

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

97.5860, -6.5610, 25.3030

Protanopia

93.1200, -34.8480, 14.8160

Deuteranopia

93.2250, -30.9500, 10.2500



Tritanopia

95.9940, 0.1370, 3.0250

Trichromacy



Original Color

97.5860, -6.5610, 25.3030

Protanomaly

94.6160, -24.4410, 18.9430

Deuteranomaly

94.8780, -22.4230, 15.4090

Tritanomaly

96.4810, -2.4320, 11.0400

Monochromacy



Original Color

97.5860, -6.5610, 25.3030

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.0140, -2.6150, 8.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.5860, -6.5610, 25.3030 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, 83, 148)` looks like.

```
.text, #text, p{  
    color:rgb(107, 83, 148)  
}
```

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, 83, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 83, 148) }
```

Border

The CSS property to change the border of an element to YIQ 97.5860, -6.5610, 25.3030 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, 83, 148) }
```


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

```
.border{ border-color:rgb(107, 83, 148) }
```

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

Here you see how a box with a 4 pixel rgb(107, 83, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 83, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 83, 148);  
box-shadow:4px 4px 4px 4px rgb(107, 83,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 97.5860, -6.5610, 25.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 83, 148) }
```

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

```
.background{ background-color: rgb(107, 83,  
148) }
```

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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