

Converting Colors

YIQ(105.7500, -27.5140,
25.0780)

Have a look what the booklet for
YIQ(105.7500, -27.5140, 25.0780)
contains.

YIQ(105.7500, -27.5140, 25.0780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(105.7500, -27.5140,
25.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	5F61B3
RGB	95, 97, 179
RGB Percent	37%, 38%, 70%
CMY	0.6274, 0.6196, 0.2982
CMYK	0.47, 0.46, 0.00, 0.30
HSL	239°, 36%, 54%
HSV	239°, 47%, 70%
XYZ	17.1276, 14.2360, 44.4696
YIQ	105.7500, -27.5140, 25.0780

Conversions

Conversions Part 2

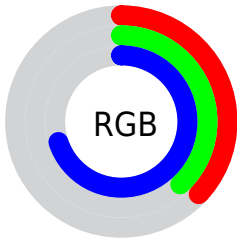
Format	Color
R_{YB}	95, 97, 179
Decimal	6250931
CIE _{Lab}	44.57, 21.34, -43.96
CIE _{LCh}	45, 48.864, 295.896
Yxy	14.2360, 0.2259, 0.1877
Android (android.graphics.Color)	4284441011 (0xFF5F61B3)
YUV	105.7500, 36.1123, -9.4277
Hunter-Lab	37.7306, 15.0003, -43.4682

Details

The YIQ color $105.7500, -27.5140, 25.0780$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $168.2500, 27.5140, -25.0780$, and the grayscale version is $105.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $158.5160, -26.7350, 27.4810$, and $55.9620, -31.2270, 20.7810$ is the 20% darker color. If you saturate the color by 10%, you get $90.3890, -33.5670, 30.1530$, and if you desaturate by 10%, it is $121.1110, -21.4610, 20.0030$.

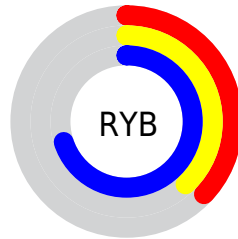
Distribution



Red (37%)

Green (38%)

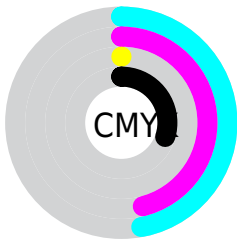
Blue (70%)



Red (37%)

Yellow (38%)

Blue (70%)

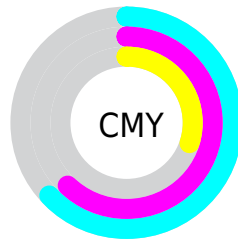


Cyan (47%)

Magenta (46%)

Yellow (0%)

Black (30%)



Cyan (63%)

Magenta (62%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.7500, -27.5140, 25.0780 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 105.7500, -27.5140, 25.0780 by changing the saturation by 10% instead.

■ 105.7500,
-27.5140, 25.0780

■ 105.7500,
-27.5140, 25.0780

■ 255.0000, -0.0000,
-0.0000

■ 80.5110, -28.3390,
23.5090

■ 158.5160,
-26.7350, 27.4810

■ 55.9620, -31.2270,
20.7810

■ 184.4300,
-23.6170, 26.0390

■ 29.0100, -40.3500,
15.4100

■ 208.6510,
-14.3540, 17.8540

■ 13.3600, -26.5960,
19.4520

■ 234.3450, -5.0450,
8.8350

■ 8.2760, -17.7920,
14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,

0.0000

■ 105.7500,
-27.5140, 25.0780

■ 105.7500,
-27.5140, 25.0780

■ 90.3890, -33.5670,
30.1530

■ 121.1110,
-21.4610, 20.0030

■ 74.4410, -39.3450,
35.7510

■ 137.0590,
-15.6830, 14.4050

■ 59.0800, -45.3980,
40.8260

■ 152.4200, -9.6300,
9.3300

■ 43.1320, -51.1760,
46.4240

■ 168.3680, -3.8520,
3.7320

■ 28.0700, -56.6330,
51.7110

■ 183.4300, 1.6050,
-1.5550

■ 22.7540, -58.5590,
53.5770

■ 199.3780, 7.3830,
-7.1530

■ 214.7390, 13.4360,
-12.2280

■ 230.6870, 19.2140,
-17.8260

■ 245.7490, 24.6710,
-23.1130

Harmonies

Analogous

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



87.0620, -90.8270, -0.4190



105.7500, -27.5140, 25.0780



108.2520, 18.2870, 37.5430

Triad

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



105.7500, -27.5140, 25.0780



102.2520, 60.7040, 1.1840



83.9600, -65.5580, -34.3740

Complementary

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



105.7500, -27.5140, 25.0780



168.2500, 27.5140, -25.0780

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.



87.0930, -32.5000, -38.7720



105.7500, -27.5140, 25.0780



100.4110, 46.1740, -21.8420

Square

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



105.7500, -27.5140, 25.0780



102.2210, 63.1300, 23.3060



96.7490, 15.5030, -33.1770



88.7480, -79.0400, -21.3120

Rectangle

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



105.7500, -27.5140, 25.0780



105.3980, 41.3030, 38.9270



96.7490, 15.5030, -33.1770



81.7770, -60.7890, -38.2050

Sweetspot

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



105.7500, -27.5140, 25.0780



203.6480, -10.2720, 9.9520



153.5420, -49.1010, -18.7410



99.8670, -6.6950, 5.6970



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



105.7500, -27.5140, 25.0780



118.5810, -42.5550, 38.8610



116.2370, -3.7200, 34.3920



81.6130, -3.1640, 2.2760



19.7900, -50.2130, 45.4910



3.5510, -8.6210, 7.5630

Inverse Universe

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



120.3440, 49.4220, 18.4300



141.2120, 76.5170, 28.4930



157.7630, 3.7200, -34.3920



82.8050, 5.0430, 2.2190



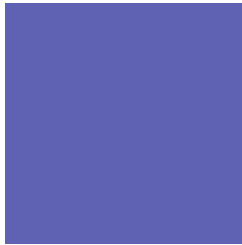
46.2030, 89.9040, 33.6800



7.8880, 15.1750, 5.8230

Previews

White Background



This preview shows how the YIQ color 105.7500, -27.5140, 25.0780 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 105.7500, -27.5140, 25.0780 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 105.7500, -27.5140, 25.0780

Background



This preview shows how black text looks on a background with the YIQ color 105.7500, -27.5140, 25.0780.



This preview shows how white text looks on a background with the YIQ color 105.7500, -27.5140,

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

105.7500, -27.5140, 25.0780

Protanopia

101.7690, -46.8610, 17.7710

Deuteranopia

99.1440, -52.5910, 11.4810



Tritanopia

102.0450, -22.2360, -4.5080

Trichromacy



Original Color

105.7500, -27.5140, 25.0780

Protanomaly

103.3570, -39.7090, 20.3150

Deuteranomaly

101.6830, -43.7430, 16.3290

Tritanomaly

103.4120, -24.3470, 6.2210

Monochromacy



Original Color

105.7500, -27.5140, 25.0780

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.1210, -10.2260, 9.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.7500, -27.5140, 25.0780 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(95, 97, 179)` looks like.

```
.text, #text, p{  
    color:rgb(95, 97, 179)  
}
```

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(95, 97, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 97, 179) }
```

Border

The CSS property to change the border of an element to YIQ 105.7500, -27.5140, 25.0780 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(95, 97, 179) }
```


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

```
.border{ border-color:rgb(95, 97, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 97, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 97, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 97, 179);  
box-shadow:4px 4px 4px 4px rgb(95, 97,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 105.7500, -27.5140, 25.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 97, 179) }
```

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

```
.background{ background-color: rgb(95, 97,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor