

Converting Colors

YIQ(152.7500, -27.5140,
25.0780)

Have a look what the booklet for
YIQ(152.7500, -27.5140, 25.0780)
contains.

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Color

**YIQ(152.7500, -27.5140,
25.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	8E90E2
RGB	142, 144, 226
RGB Percent	56%, 56%, 89%
CMY	0.4431, 0.4353, 0.1139
CMYK	0.37, 0.36, 0.00, 0.11
HSL	239°, 59%, 72%
HSV	239°, 37%, 89%
XYZ	34.8522, 31.1872, 76.1027
YIQ	152.7500, -27.5140, 25.0780

Conversions

Conversions Part 2

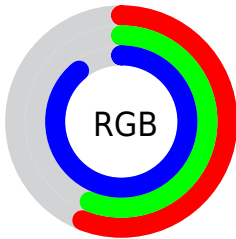
Format	Color
R _Y B	142, 144, 226
Decimal	9343202
CIE Lab	62.67, 18.80, -41.86
CIE LCh	63, 45.890, 294.188
Yxy	31.1872, 0.2452, 0.2194
Android (android.graphics.Color)	4287533282 (0xFF8E90E2)
YUV	152.7500, 36.1123, -9.4277
Hunter-Lab	55.8455, 13.6690, -41.7047

Details

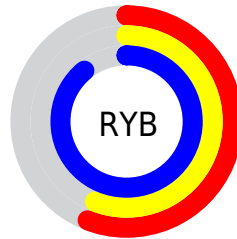
The YIQ color $152.7500, -27.5140, 25.0780$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $215.2500, 27.5140, -25.0780$, and the grayscale version is $152.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $204.4980, -18.2970, 17.7270$, and $100.8700, -27.9720, 22.3640$ is the 20% darker color. If you saturate the color by 10%, you get $132.9590, -35.1720, 31.7080$, and if you desaturate by 10%, it is $172.5410, -19.8560, 18.4480$.

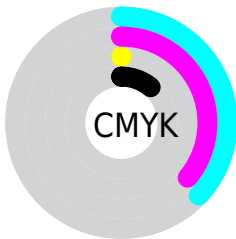
Distribution



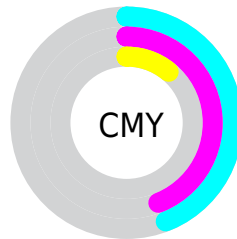
- Red (56%)
- Green (56%)
- Blue (89%)



- Red (56%)
- Yellow (56%)
- Blue (89%)



- Cyan (37%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.7500, -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 152.7500, -27.5140, 25.0780 by changing the saturation by 10% instead.

■ 152.7500,
-27.5140, 25.0780

■ 152.7500,
-27.5140, 25.0780

■ 255.0000, -0.0000,
-0.0000

■ 126.2230,
-27.4680, 24.2440

■ 204.4980,
-18.2970, 17.7270

■ 100.8700,
-27.9720, 22.3640

■ 229.6050, -8.7130,
9.2310

■ 75.3320, -29.3930,
20.5830

■ 254.4130, 0.2750,
0.5230

■ 50.7830, -32.2810,
17.8550

■ 26.9240, -37.2320,
13.9680

■ 8.9260, -22.3780,
20.1020

■ 6.8910, -15.2700,

12.4260

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 152.7500,
-27.5140, 25.0780

■ 152.7500,
-27.5140, 25.0780

■ 132.9590,
-35.1720, 31.7080

■ 172.5410,
-19.8560, 18.4480

■ 113.4670,
-42.2340, 38.5500

■ 192.0330,
-12.7940, 11.6060

■ 93.6760, -49.8920,
45.1800

■ 211.8240, -5.1360,
4.9760

■ 74.1840, -56.9540,
52.0220

■ 231.3160, 1.9260,
-1.8660

■ 54.3930, -64.6120,
58.6520

■ 251.1070, 9.5840,
-8.4960

■ 34.6020, -72.2700,
65.2820

■ 251.6940, 9.3090,
-9.0190

■ 28.6990, -73.9210,
67.6710

Harmonies

Analogous

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



135.6390, -85.1420, 1.1780



152.7500, -27.5140, 25.0780



155.9420, 16.2240, 36.3840

Triad

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



152.7500, -27.5140, 25.0780



151.0890, 62.7210, 3.1770



117.1520, -92.8820, -45.7940

Complementary

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



152.7500, -27.5140, 25.0780



215.2500, 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.



138.3500, -22.9180, -36.2140



152.7500, -27.5140, 25.0780



148.7580, 46.8150, -16.9370

Square

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



152.7500, -27.5140, 25.0780



152.2920, 64.3680, 22.8960



144.5260, 17.7490, -29.8270



121.9400, -106.3640, -32.7320

Rectangle

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



152.7500, -27.5140, 25.0780



154.9740, 39.5610, 37.4570



144.5260, 17.7490, -29.8270



128.4240, -61.2930, -40.0850

Sweetspot

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



152.7500, -27.5140, 25.0780



230.7790, -9.2630, 8.1850



200.5420, -49.1010, -18.7410



112.9380, -5.4570, 5.2870



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



152.7500, -27.5140, 25.0780



154.8710, -37.7400, 34.1960



163.2370, -3.7200, 34.3920



102.2540, -3.5310, 3.4210



22.4120, -57.5960, 52.6440



6.0590, -15.6830, 14.4050

Inverse Universe

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



167.3440, 49.4220, 18.4300



174.7270, 67.5770, 25.3130



204.7630, 3.7200, -34.3920



104.2890, 6.5560, 2.3320



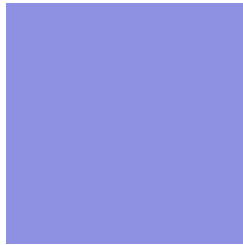
53.0800, 103.6120, 38.5560



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 152.7500, -27.5140, 25.0780 looks on a white background.

Color Contrast Check

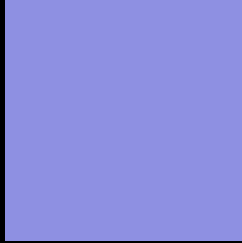
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 152.7500, -27.5140, 25.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

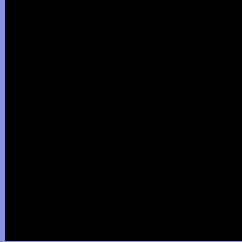
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.7500, -27.5140, 25.0780

Background



This preview shows how black text looks on a background with the YIQ color 152.7500, -27.5140, 25.0780.



This preview shows how white text looks on a background with the YIQ color 152.7500, -27.5140, 25.0780.

25.0780.

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

152.7500, -27.5140, 25.0780

Protanopia

150.4600, -41.4970, 19.6790

Deuteranopia

149.2810, -42.5510, 16.7530



Tritanopia

149.2950, -19.9440, -1.9920

Trichromacy



Original Color

152.7500, -27.5140, 25.0780

Protanomaly

151.2650, -36.4540, 21.8980

Deuteranomaly

150.4990, -37.2330, 19.4950

Tritanomaly

150.8360, -22.6050, 7.6910

Monochromacy



Original Color

152.7500, -27.5140, 25.0780

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.1210, -10.2260, 9.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.7500, -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(142, 144, 226)` looks like.

```
.text, #text, p{  
    color:rgb(142, 144, 226)  
}
```

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(142, 144, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 144, 226) }
```

Border

The CSS property to change the border of an element to YIQ 152.7500, -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(142, 144, 226) }
```


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

```
.border{ border-color:rgb(142, 144, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 144, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 144, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 144, 226);  
box-shadow:4px 4px 4px 4px rgb(142, 144,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 152.7500, -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(142, 144, 226) }
```

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

```
.background{ background-color: rgb(142,  
144, 226) }
```

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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