

Converting Colors

YIQ(126.7140, -27.8330,
14.3350)

Have a look what the booklet for
YIQ(126.7140, -27.8330, 14.3350)
contains.

YIQ(126.7140, -27.8330, 14.3350)	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(126.7140, -27.8330,
14.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7DB6
RGB	109, 125, 182
RGB Percent	43%, 49%, 71%
CMY	0.5725, 0.5098, 0.2864
CMYK	0.40, 0.31, 0.00, 0.29
HSL	227°, 33%, 57%
HSV	227°, 40%, 71%
XYZ	22.0805, 21.2959, 47.1814
YIQ	126.7140, -27.8330, 14.3350

Conversions

Conversions Part 2

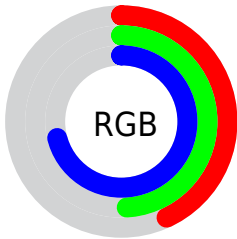
Format	Color
R _Y B	109, 122, 182
Decimal	7175606
CIE Lab	53.27, 8.78, -31.91
CIE LCh	53, 33.097, 285.390
Yxy	21.2959, 0.2438, 0.2352
Android (android.graphics.Color)	4285365686 (0xFF6D7DB6)
YUV	126.7140, 27.2560, -15.5352
Hunter-Lab	46.1475, 4.6500, -28.3151

Details

The YIQ color $126.7140, -27.8330, 14.3350$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $164.2860, 27.8330, -14.3350$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.7680, -27.9250, 16.0030$, and $76.3610, -28.3370, 12.4550$ is the 20% darker color. If you saturate the color by 10%, you get $113.1140, -34.7110, 17.8410$, and if you desaturate by 10%, it is $140.3140, -20.9550, 10.8290$.

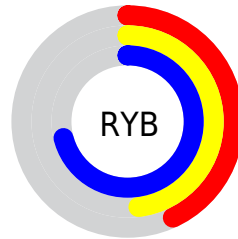
Distribution



Red (43%)

Green (49%)

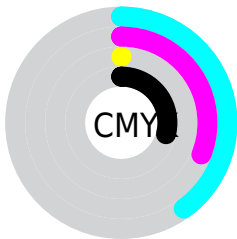
Blue (71%)



Red (43%)

Yellow (48%)

Blue (71%)

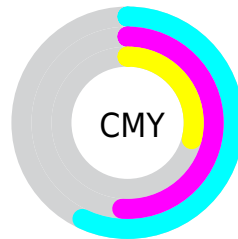


Cyan (40%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.7140, -27.8330, 14.3350 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 126.7140, -27.8330, 14.3350 by changing the saturation by 10% instead.

■ 126.7140,
-27.8330, 14.3350

■ 126.7140,
-27.8330, 14.3350

■ 255.0000, -0.0000,
-0.0000

■ 101.1870,
-27.7870, 13.5010

■ 179.7680,
-27.9250, 16.0030

■ 76.3610, -28.3370,
12.4550

■ 206.5140,
-24.3940, 12.5820

■ 52.1110, -30.6290,
9.9390

■ 231.3220,
-15.4060, 3.8740

■ 28.3770, -34.4340,
7.3100

■ 252.9070, -4.1720,
-1.4840

■ 12.2540, -20.7260,
12.1860

■ 5.0500, -11.4640,
9.5280

■ 0.7980, -2.2470,

2.1770

■ 0.0000, 0.0000,
0.0000

■ 126.7140,
-27.8330, 14.3350

■ 126.7140,
-27.8330, 14.3350

■ 113.1140,
-34.7110, 17.8410

■ 140.3140,
-20.9550, 10.8290

■ 99.5140, -41.5890,
21.3470

■ 153.9140,
-14.0770, 7.3230

■ 85.0280, -48.7880,
25.1640

■ 168.4000, -6.8780,
3.5060

■ 71.4280, -55.6660,
28.6700

■ 182.0000, -0.0000,
-0.0000

■ 57.8280, -62.5440,
32.1760

■ 195.6000, 6.8780,
-3.5060

■ 44.2280, -69.4220,
35.6820

■ 209.2000, 13.7560,
-7.0120

■ 222.8000, 20.6340,
-10.5180

■ 237.2860, 27.8330,
-14.3350

■ 245.5040, 23.9830,
-21.6570

Harmonies

Analogous

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



116.1500, -61.8960, -1.6080



126.7140, -27.8330, 14.3350



130.5070, 3.8470, 23.9030

Triad

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



126.7140, -27.8330, 14.3350



127.8130, 46.1230, 6.6270



113.7740, -38.3710, -25.9790

Complementary

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



126.7140, -27.8330, 14.3350



164.2860, 27.8330, -14.3350

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.



119.8240, -6.2770, -23.9170



126.7140, -27.8330, 14.3350



126.4770, 37.7810, -7.3950

Square

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



126.7140, -27.8330, 14.3350



129.0490, 43.0030, 19.1230



123.5730, 19.5350, -18.1370



99.4280, -84.3110, -30.4150

Rectangle

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



126.7140, -27.8330, 14.3350



130.5430, 21.3610, 25.8810



123.5730, 19.5350, -18.1370



116.3470, -26.8630, -25.2870

Sweetspot

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



126.7140, -27.8330, 14.3350



215.7140, -10.6380, 5.5700



158.2350, -38.0510, -20.7630



107.2860, -6.5570, 3.1950



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



126.7140, -27.8330, 14.3350



150.6710, -43.4690, 22.3790



123.0030, -12.1090, 26.7310



85.2000, -3.4390, 1.7530



37.7420, -59.4260, 30.7340



6.7140, -10.6380, 5.5700

Inverse Universe

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



132.6510, 38.3720, 20.4520



159.9360, 59.9190, 31.9430



167.9970, 12.1090, -26.7310



85.9190, 4.7220, 2.5300



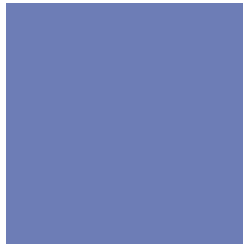
50.5200, 82.0620, 43.6460



9.0560, 14.7620, 7.8020

Previews

White Background



This preview shows how the YIQ color 126.7140, -27.8330, 14.3350 looks on a white 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

Black Background



This preview shows how the YIQ color 126.7140, -27.8330, 14.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

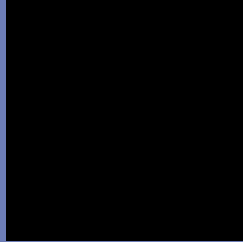
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

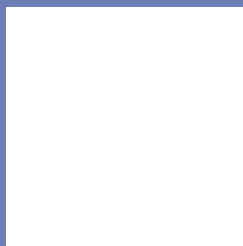
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 126.7140, -27.8330, 14.3350

Background



This preview shows how black text looks on a background with the YIQ color 126.7140, -27.8330, 14.3350.



This preview shows how white text looks on a background with the YIQ color 126.7140, -27.8330,

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

126.7140, -27.8330, 14.3350

Protanopia

126.7140, -27.8330, 14.3350

Deuteranopia

126.4040, -29.8960, 13.1760



Tritanopia

123.9740, -23.4740, -4.0980

Trichromacy



Original Color

126.7140, -27.8330, 14.3350

Protanomaly

126.7140, -27.8330, 14.3350

Deuteranomaly

126.7030, -29.3000, 13.3880

Tritanomaly

125.0050, -24.7590, 2.6730

Monochromacy



Original Color

126.7140, -27.8330, 14.3350

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.6000, -10.3170, 5.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.7140, -27.8330, 14.3350 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(109, 125, 182)` looks like.

```
.text, #text, p{  
    color:rgb(109, 125, 182)  
}
```

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(109, 125, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 125, 182) }
```

Border

The CSS property to change the border of an element to YIQ 126.7140, -27.8330, 14.3350 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(109, 125, 182) }
```


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

```
.border{ border-color:rgb(109, 125, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 125, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 125, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 125, 182);  
box-shadow:4px 4px 4px 4px rgb(109, 125,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 126.7140, -27.8330, 14.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 125, 182) }
```

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

```
.background{ background-color: rgb(109,  
125, 182) }
```

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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