

Converting Colors

YIQ(154.3840, -27.1440, 7.3520)

Have a look what the booklet for
YIQ(154.3840, -27.1440, 7.3520)
contains.

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Color

**YIQ(154.3840, -27.1440,
7.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	859DC5
RGB	133, 157, 197
RGB Percent	52%, 62%, 77%
CMY	0.4785, 0.3843, 0.2276
CMYK	0.32, 0.20, 0.00, 0.23
HSL	217°, 36%, 65%
HSV	217°, 32%, 77%
XYZ	31.8043, 33.1329, 57.5211
YIQ	154.3840, -27.1440, 7.3520

Conversions

Conversions Part 2

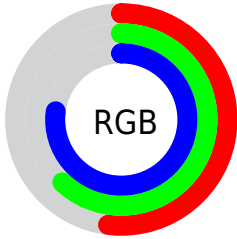
Format	Color
RYB	133, 150, 197
Decimal	8756677
CIELab	64.27, 1.14, -23.28
CIElCh	64, 23.313, 272.804
Yxy	33.1329, 0.2597, 0.2706
Android (android.graphics.Color)	4286946757 (0xFF859DC5)
YUV	154.3840, 21.0097, -18.7538
Hunter-Lab	57.5612, -2.1054, -18.9559

Details

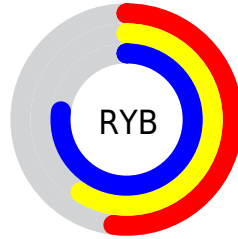
The YIQ color **154.3840, -27.1440, 7.3520** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **175.6160, 27.1440, -7.3520**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.0250, -27.5110, 8.4970**, and **102.7430, -26.7770, 6.2070** is the 20% darker color. If you saturate the color by 10%, you get **141.3600, -35.7640, 9.3880**, and if you desaturate by 10%, it is **167.4080, -18.5240, 5.3160**.

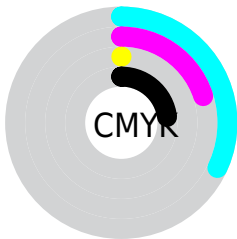
Distribution



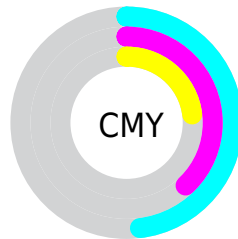
- Red (52%)
- Green (62%)
- Blue (77%)



- Red (52%)
- Yellow (59%)
- Blue (77%)



- Cyan (32%)
- Magenta (20%)
- Yellow (0%)
- Black (23%)



- Cyan (48%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.3840, -27.1440, 7.3520 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 154.3840, -27.1440, 7.3520 by changing the saturation by 10% instead.

■ 154.3840,
-27.1440, 7.3520

■ 154.3840,
-27.1440, 7.3520

■ 255.0000, -0.0000,
-0.0000

■ 128.2700,
-26.8230, 7.0410

■ 209.0250,
-27.5110, 8.4970

■ 102.7430,
-26.7770, 6.2070

■ 234.5340,
-19.1190, -0.4230

■ 78.2160, -26.7310,
5.3730

■ 252.0100, -5.9600,
-2.1200

■ 54.2050, -28.1980,
4.4260

■ 30.1720, -32.5990,
1.5850

■ 14.6360, -19.1660,
5.9380

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 154.3840,
-27.1440, 7.3520

■ 154.3840,
-27.1440, 7.3520

■ 141.3600,
-35.7640, 9.3880

■ 167.4080,
-18.5240, 5.3160

■ 128.0480,
-43.5130, 12.1590

■ 180.7200,
-10.7750, 2.5450

■ 115.0240,
-52.1330, 14.1950

■ 193.7440, -2.1550,
0.5090

■ 102.0000,
-60.7530, 16.2310

■ 206.7680, 6.4650,
-1.5270

■ 89.2750, -68.7770,
18.4790

■ 220.0800, 14.2140,
-4.2980

■ 75.6640, -77.1220,
21.0380

■ 233.1040, 22.8340,
-6.3340

■ 65.8960, -83.5870,
22.5650

■ 241.3440, 21.9180,
-11.7620

■ 248.3880, 18.6180,
-18.0380

Harmonies

Analogous

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



149.5620, -42.6850, -2.8530



154.3840, -27.1440, 7.3520



158.2620, -6.0090, 15.2950

Triad

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



154.3840, -27.1440, 7.3520



158.1200, 35.0730, 8.6490



149.7230, -15.9980, -18.4460

Complementary

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



154.3840, -27.1440, 7.3520



175.6160, 27.1440, -7.3520

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.



152.1400, 4.8170, -15.7190



154.3840, -27.1440, 7.3520



156.3550, 32.5530, -0.7510

Square

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



154.3840, -27.1440, 7.3520



159.3400, 28.8820, 16.2260



154.5120, 21.5050, -9.7830



147.3110, -35.2090, -17.2010

Rectangle

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



154.3840, -27.1440, 7.3520



158.9710, 8.1120, 18.1920



154.5120, 21.5050, -9.7830



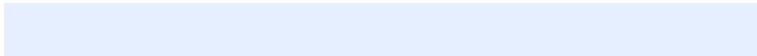
150.8440, -9.0290, -18.0930

Sweetspot

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



154.3840, -27.1440, 7.3520



238.1330, -10.5000, 3.0680



175.0140, -30.1190, -21.3430



117.3460, -6.7860, 1.8380



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.



154.3840, -27.1440, 7.3520



189.0050, -41.9540, 11.4380



142.3890, -16.3720, 21.3880



92.7870, -3.7140, 1.2300



54.3890, -69.0980, 18.7900



11.7350, -15.1310, 4.3970

Inverse Universe

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



154.8720, 30.4400, 21.0320



189.8190, 47.1270, 32.4950



187.6110, 16.3720, -21.3880



93.0330, 4.4010, 2.8410



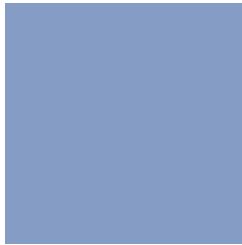
55.6910, 77.5670, 53.5270



12.2460, 17.2830, 11.6750

Previews

White Background



This preview shows how the YIQ color 154.3840, -27.1440, 7.3520 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 154.3840, -27.1440, 7.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

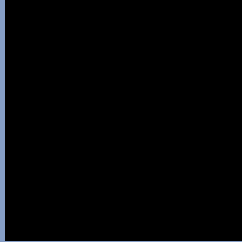
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

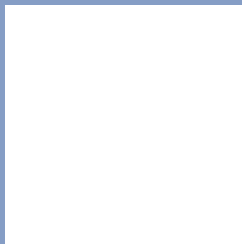
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 154.3840, -27.1440, 7.3520

Background



This preview shows how black text looks on a background with the YIQ color 154.3840, -27.1440, 7.3520.



This preview shows how white text looks on a background with the YIQ color 154.3840, -27.1440,

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

154.3840, -27.1440, 7.3520

Protanopia

156.2820, -17.9290, 11.0550

Deuteranopia

156.6350, -17.4250, 12.9350



Tritanopia

152.6150, -23.8410, -2.9530

Trichromacy



Original Color

154.3840, -27.1440, 7.3520

Protanomaly

155.4880, -21.5050, 9.7830

Deuteranomaly

155.7270, -20.6800, 11.3520

Tritanomaly

153.5380, -24.9420, 0.4820

Monochromacy



Original Color

154.3840, -27.1440, 7.3520

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.0190, -10.1790, 2.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.3840, -27.1440, 7.3520 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(133, 157, 197)` looks like.

```
.text, #text, p{  
    color:rgb(133, 157, 197)  
}
```

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(133, 157, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 157, 197) }
```

Border

The CSS property to change the border of an element to YIQ 154.3840, -27.1440, 7.3520 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(133, 157, 197) }
```


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

```
.border{ border-color:rgb(133, 157, 197) }
```

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

Here you see how a box with a 4 pixel rgb(133, 157, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 157, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 157, 197);  
box-shadow:4px 4px 4px 4px rgb(133, 157,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 154.3840, -27.1440, 7.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 157, 197) }
```

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

```
.background{ background-color: rgb(133,  
157, 197) }
```

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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