

Converting Colors

YIQ(157.7400, -13.5270, 8.3690)

Have a look what the booklet for
YIQ(157.7400, -13.5270, 8.3690)
contains.

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Color

**YIQ(157.7400, -13.5270,
8.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	969CBB
RGB	150, 156, 187
RGB Percent	59%, 61%, 73%
CMY	0.4118, 0.3882, 0.2667
CMYK	0.20, 0.17, 0.00, 0.27
HSL	230°, 21%, 66%
HSV	230°, 20%, 73%
XYZ	33.4343, 33.8490, 51.7739
YIQ	157.7400, -13.5270, 8.3690

Conversions

Conversions Part 2

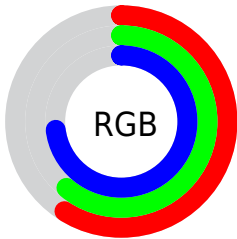
Format	Color
R_{YB}	150, 155, 187
Decimal	9870523
CIE _{Lab}	64.84, 4.50, -16.72
CIE _{LCh}	65, 17.315, 285.056
Yxy	33.8490, 0.2808, 0.2843
Android (android.graphics.Color)	4288060603 (0xFF969CBB)
YUV	157.7400, 14.4252, -6.7880
Hunter-Lab	58.1799, 0.7642, -12.0359

Details

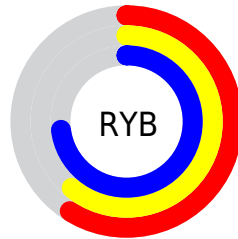
The YIQ color **157.7400, -13.5270, 8.3690** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **179.2600, 13.5270, -8.3690**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2670, -13.5730, 9.2030**, and **106.5120, -12.8850, 7.7470** is the 20% darker color. If you saturate the color by 10%, you get **142.6670, -20.4510, 12.7090**, and if you desaturate by 10%, it is **172.8130, -6.6030, 4.0290**.

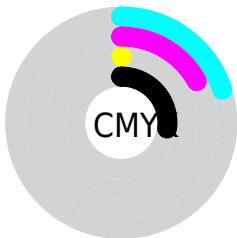
Distribution



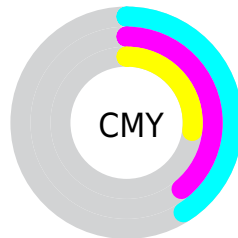
- Red (59%)
- Green (61%)
- Blue (73%)



- Red (59%)
- Yellow (61%)
- Blue (73%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (27%)



- Cyan (41%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.7400, -13.5270, 8.3690 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 157.7400, -13.5270, 8.3690 by changing the saturation by 10% instead.

■ 157.7400,
-13.5270, 8.3690

■ 157.7400,
-13.5270, 8.3690

■ 255.0000, -0.0000,
-0.0000

■ 131.6260,
-13.2060, 8.0580

■ 212.2670,
-13.5730, 9.2030

■ 106.5120,
-12.8850, 7.7470

■ 239.0300, -8.7120,
3.7040

■ 81.9850, -12.8390,
6.9130

■ 58.8710, -12.5180,
6.6020

■ 36.4580, -12.7930,
6.0790

■ 15.0450, -13.0680,
5.5560

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 157.7400,
-13.5270, 8.3690

■ 157.7400,
-13.5270, 8.3690

■ 142.6670,
-20.4510, 12.7090

■ 172.8130, -6.6030,
4.0290

■ 128.4800,
-27.0540, 16.7380

■ 187.0000, -0.0000,
-0.0000

■ 113.4070,
-33.9780, 21.0780

■ 202.0730, 6.9240,
-4.3400

■ 98.3340, -40.9020,
25.4180

■ 217.1460, 13.8480,
-8.6800

■ 84.1470, -47.5050,
29.4470

■ 231.3330, 20.4510,
-12.7090

■ 69.0740, -54.4290,
33.7870

■ 244.3130, 23.2030,
-18.5330

■ 54.0010, -61.3530,
38.1270

■ 247.2480, 21.8280,
-21.1480

■ 39.5150, -68.5520,
41.9440

■ 38.9280, -68.2770,
42.4670

Harmonies

Analogous

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



154.6950, -26.8220, 1.5140



157.7400, -13.5270, 8.3690



159.8730, 2.3360, 12.7360

Triad

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



157.7400, -13.5270, 8.3690



158.8800, 26.8210, 4.0130



152.4010, -17.7870, -13.5550

Complementary

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



157.7400, -13.5270, 8.3690



179.2600, 13.5270, -8.3690

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.



153.8280, -2.9320, -12.9480



157.7400, -13.5270, 8.3690



157.9130, 22.0540, -3.2100

Square

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



157.7400, -13.5270, 8.3690



160.1990, 24.6650, 10.0490



155.9500, 11.4640, -9.5280



151.2350, -28.8830, -10.6990

Rectangle

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



157.7400, -13.5270, 8.3690



160.1900, 11.6890, 13.9370



155.9500, 11.4640, -9.5280



152.7390, -12.9270, -13.5270

Sweetspot

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



157.7400, -13.5270, 8.3690



230.7700, -5.0440, 3.3080



175.2530, -20.1260, -9.7100



115.4990, -2.8430, 1.9650



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



157.7400, -13.5270, 8.3690



196.4820, -21.3680, 12.8080



157.8060, -4.7250, 14.0510



86.6130, -3.1640, 2.2760



33.2740, -57.8680, 35.5400



6.4690, -11.3260, 7.0260

Inverse Universe

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



161.7470, 20.1260, 9.7100



202.4820, 31.3580, 15.4060



179.1940, 4.7250, -14.0510



87.8050, 5.0430, 2.2190



50.2060, 85.8220, 41.5820



9.8390, 16.8710, 8.1270

Previews

White Background



This preview shows how the YIQ color 157.7400, -13.5270, 8.3690 looks on a white background.

Color Contrast Check

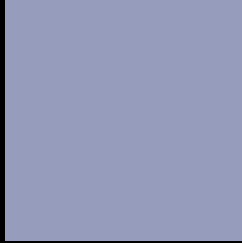
Large Text (above 18pt) WCAG AA × Fail

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 157.7400, -13.5270, 8.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

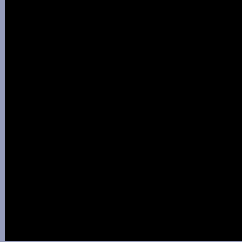
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.7400, -13.5270, 8.3690

Background



This preview shows how black text looks on a background with the YIQ color 157.7400, -13.5270, 8.3690.



This preview shows how white text looks on a background with the YIQ color 157.7400, -13.5270,

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

157.7400, -13.5270, 8.3690

Protanopia

158.0390, -12.9310, 8.5810

Deuteranopia

158.9580, -8.2090, 11.1110



Tritanopia

156.7800, -11.0040, 1.1880

Trichromacy



Original Color

157.7400, -13.5270, 8.3690

Protanomaly

158.0390, -12.9310, 8.5810

Deuteranomaly

158.6480, -10.2720, 9.9520

Tritanomaly

157.1760, -12.0590, 3.7890

Monochromacy



Original Color

157.7400, -13.5270, 8.3690

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.7700, -5.0440, 3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.7400, -13.5270, 8.3690 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(150, 156, 187)` looks like.

```
.text, #text, p{  
    color:rgb(150, 156, 187)  
}
```

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(150, 156, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 156, 187) }
```

Border

The CSS property to change the border of an element to YIQ 157.7400, -13.5270, 8.3690 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(150, 156, 187) }
```


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

```
.border{ border-color:rgb(150, 156, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 156, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 156, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 156, 187);  
box-shadow:4px 4px 4px 4px rgb(150, 156,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 157.7400, -13.5270, 8.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 156, 187) }
```

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

```
.background{ background-color: rgb(150,  
156, 187) }
```

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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