

Converting Colors

YIQ(153.2720, -21.1370, 3.1110)

Have a look what the booklet for
YIQ(153.2720, -21.1370, 3.1110)
contains.

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Color

**YIQ(153.2720, -21.1370,
3.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	879DB6
RGB	135, 157, 182
RGB Percent	53%, 62%, 71%
CMY	0.4706, 0.3843, 0.2864
CMYK	0.26, 0.14, 0.00, 0.29
HSL	212°, 24%, 62%
HSV	212°, 26%, 71%
XYZ	30.4895, 32.6435, 48.9356
YIQ	153.2720, -21.1370, 3.1110

Conversions

Conversions Part 2

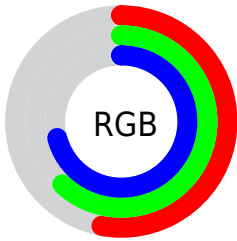
Format	Color
RYB	135, 150, 182
Decimal	8887734
CIELab	63.87, -2.00, -15.49
CIELCh	64, 15.617, 262.648
Yxy	32.6435, 0.2721, 0.2913
Android (android.graphics.Color)	4287077814 (0xFF879DB6)
YUV	153.2720, 14.1629, -16.0245
Hunter-Lab	57.1345, -4.7299, -10.7876

Details

The YIQ color **153.2720, -21.1370, 3.1110** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163.7280, 21.1370, -3.1110**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.5000, -21.7790, 3.7330**, and **102.0440, -20.4950, 2.4890** is the 20% darker color. If you saturate the color by 10%, you get **142.0200, -29.1150, 4.5250**, and if you desaturate by 10%, it is **164.5240, -13.1590, 1.6970**.

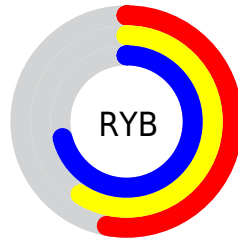
Distribution



Red (53%)

Green (62%)

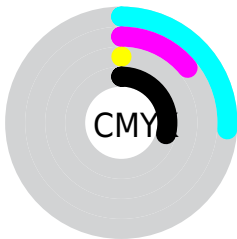
Blue (71%)



Red (53%)

Yellow (59%)

Blue (71%)

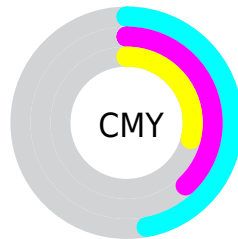


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (38%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.2720, -21.1370, 3.1110 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 153.2720, -21.1370, 3.1110 by changing the saturation by 10% instead.

■ 153.2720,
-21.1370, 3.1110

■ 153.2720,
-21.1370, 3.1110

■ 255.0000, -0.0000,
-0.0000

■ 127.1580,
-20.8160, 2.8000

■ 207.5000,
-21.7790, 3.7330

■ 102.0440,
-20.4950, 2.4890

■ 234.8330,
-18.5230, -0.2110

■ 77.9300, -20.1740,
2.1780

■ 252.3090, -5.3640,
-1.9080

■ 54.5170, -20.4490,
1.6550

■ 31.8050, -21.3200,
0.9200

■ 13.3820, -15.6350,
2.5170

■ 1.3680, -3.8520,

3.7320

■ 0.0000, 0.0000,
0.0000

■ 153.2720,
-21.1370, 3.1110

■ 153.2720,
-21.1370, 3.1110

■ 142.0200,
-29.1150, 4.5250

■ 164.5240,
-13.1590, 1.6970

■ 131.3550,
-37.3680, 5.4160

■ 175.1890, -4.9060,
0.8060

■ 119.8040,
-45.9420, 6.6180

■ 186.7400, 3.6680,
-0.3960

■ 108.5520,
-53.9200, 8.0320

■ 197.9920, 11.6460,
-1.8100

■ 97.8870, -62.1730,
8.9230

■ 208.6570, 19.8990,
-2.7010

■ 86.6350, -70.1510,
10.3370

■ 219.9090, 27.8770,
-4.1150

■ 75.3830, -78.1290,
11.7510

■ 229.0680, 31.6830,
-7.0130

■ 70.6430, -81.7970,
12.1470

■ 234.3510, 29.2080,
-11.7200

■ 240.2210, 26.4580,
-16.9500

Harmonies

Analogous

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



151.0490, -28.0590, -3.6030



153.2720, -21.1370, 3.1110



155.4910, -8.3920, 8.9200

Triad

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



153.2720, -21.1370, 3.1110



156.6610, 23.2440, 8.2680



151.5010, -6.3250, -12.0290

Complementary

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



153.2720, -21.1370, 3.1110



163.7280, 21.1370, -3.1110

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.



152.9110, 7.2000, -9.3440



153.2720, -21.1370, 3.1110



155.8580, 23.8870, 2.1190

Square

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



153.2720, -21.1370, 3.1110



157.3600, 16.9620, 11.9860



154.8200, 17.8820, -4.6940



150.2700, -18.7960, -11.7880

Rectangle

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



153.2720, -21.1370, 3.1110



156.7480, 1.1900, 11.4780



154.8200, 17.8820, -4.6940



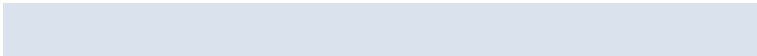
152.2520, -1.1900, -11.4780

Sweetspot

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



153.2720, -21.1370, 3.1110



225.4490, -8.5740, 1.2020



165.3250, -20.6290, -17.1170



112.3030, -5.2270, 1.1170



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.



153.2720, -21.1370, 3.1110



192.2800, -32.7830, 4.9210



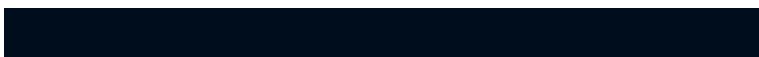
140.6570, -14.4910, 14.8290



86.3740, -3.9890, 0.7070



60.6350, -70.1510, 10.3370



10.8230, -12.5630, 1.9090

Inverse Universe

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



151.5610, 20.9500, 16.8060



189.7030, 32.5940, 26.0500



176.3430, 14.4910, -14.8290



86.1470, 4.0800, 3.1520



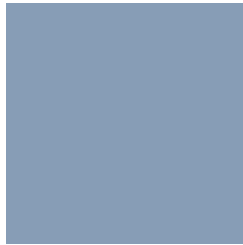
54.9660, 69.5430, 55.7750



9.8540, 12.5150, 9.9790

Previews

White Background



This preview shows how the YIQ color 153.2720, -21.1370, 3.1110 looks on a white background.

Color Contrast Check

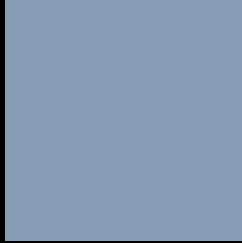
Large Text (above 18pt) WCAG AA × Fail

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 153.2720, -21.1370, 3.1110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

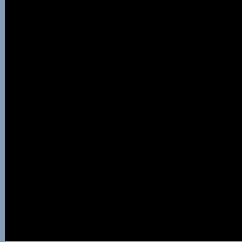
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.2720, -21.1370, 3.1110

Background



This preview shows how black text looks on a background with the YIQ color 153.2720, -21.1370, 3.1110.



This preview shows how white text looks on a background with the YIQ color 153.2720, -21.1370,

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

153.2720, -21.1370, 3.1110

Protanopia

155.0670, -10.1340, 7.4500

Deuteranopia

155.8440, -7.8880, 10.8000



Tritanopia

152.5940, -19.3480, -1.7800

Trichromacy



Original Color

153.2720, -21.1370, 3.1110

Protanomaly

154.2730, -13.7100, 6.1780

Deuteranomaly

154.9250, -12.6100, 8.2700

Tritanomaly

152.7620, -19.7610, 0.1990

Monochromacy



Original Color

153.2720, -21.1370, 3.1110

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.7480, -7.9780, 1.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.2720, -21.1370, 3.1110 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(135, 157, 182)` looks like.

```
.text, #text, p{  
    color:rgb(135, 157, 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(135, 157, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 157, 182) }
```

Border

The CSS property to change the border of an element to YIQ 153.2720, -21.1370, 3.1110 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(135, 157, 182) }
```


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

```
.border{ border-color:rgb(135, 157, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 157, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 157, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 157, 182);  
box-shadow:4px 4px 4px 4px rgb(135, 157,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 153.2720, -21.1370, 3.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 157, 182) }
```

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

```
.background{ background-color: rgb(135,  
157, 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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