

Converting Colors

YIQ(153.2060, -29.9390,
-2.5710)

Have a look what the booklet for
YIQ(153.2060, -29.9390, -2.5710)
contains.

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Color

**YIQ(153.2060, -29.9390,
-2.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA3B6
RGB	123, 163, 182
RGB Percent	48%, 64%, 71%
CMY	0.5177, 0.3607, 0.2864
CMYK	0.32, 0.10, 0.00, 0.29
HSL	199°, 29%, 60%
HSV	199°, 32%, 71%
XYZ	29.7055, 33.7858, 49.1932
YIQ	153.2060, -29.9390, -2.5710

Conversions

Conversions Part 2

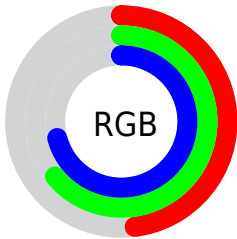
Format	Color
R _Y B	123, 147, 182
Decimal	8102838
CIE Lab	64.79, -8.93, -14.17
CIE LCh	65, 16.747, 237.787
Yxy	33.7858, 0.2636, 0.2998
Android (android.graphics.Color)	4286292918 (0xFF7BA3B6)
YUV	153.2060, 14.1954, -26.4907
Hunter-Lab	58.1255, -10.4958, -9.4909

Details

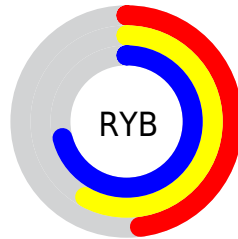
The YIQ color **153.2060, -29.9390, -2.5710** is a light color, and the websafe version is hex **669999**. A complement of this color would be **151.7940, 29.9390, 2.5710**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0210, -30.8560, -2.4720**, and **101.3910, -29.0220, -2.6700** is the 20% darker color. If you saturate the color by 10%, you get **144.3020, -39.0170, -3.2490**, and if you desaturate by 10%, it is **162.1100, -20.8610, -1.8930**.

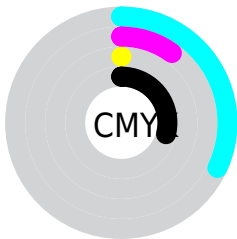
Distribution



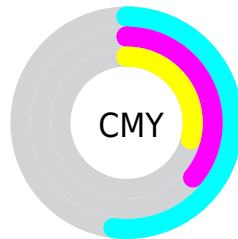
- Red (48%)
- Green (64%)
- Blue (71%)



- Red (48%)
- Yellow (58%)
- Blue (71%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)



- Cyan (52%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.2060, -29.9390, -2.5710 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 153.2060, -29.9390, -2.5710 by changing the saturation by 10% instead.

■ 153.2060,
-29.9390, -2.5710

■ 153.2060,
-29.9390, -2.5710

■ 255.0000, -0.0000,
-0.0000

■ 127.0920,
-29.6180, -2.8820

■ 208.0210,
-30.8560, -2.4720

■ 101.3910,
-29.0220, -2.6700

■ 234.7670,
-27.3250, -5.8930

■ 76.6790, -29.8930,
-3.4050

■ 248.7210,
-12.5160, -4.4520

■ 52.6680, -31.3600,
-4.3520

■ 31.1520, -29.8470,
-4.2390

■ 16.9040, -17.2850,
-0.6210

■ 1.3680, -3.8520,

3.7320

■ 0.0000, 0.0000,
0.0000

■ 153.2060,
-29.9390, -2.5710

■ 153.2060,
-29.9390, -2.5710

■ 144.3020,
-39.0170, -3.2490

■ 162.1100,
-20.8610, -1.8930

■ 135.3980,
-48.0950, -3.9270

■ 171.0140,
-11.7830, -1.2150

■ 126.1950,
-57.7690, -4.8170

■ 180.2170, -2.1090,
-0.3250

■ 117.8780,
-67.1220, -6.0180

■ 188.5340, 7.2440,
0.8760

■ 108.9740,
-76.2000, -6.6960

■ 197.4380, 16.3220,
1.5540

■ 100.0700,
-85.2780, -7.3740

■ 206.3420, 25.4000,
2.2320

■ 93.5360, -92.5220,
-8.2500

■ 215.2460, 34.4780,
2.9100

■ 220.2630, 35.8080,
0.8320

■ 223.7850, 34.1580,
-2.3060

Harmonies

Analogous

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



151.3320, -30.5340, -8.3100



153.2060, -29.9390, -2.5710



156.2120, -20.9080, 4.4680

Triad

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



153.2060, -29.9390, -2.5710



160.0290, 19.3920, 12.0000



155.4870, 5.4580, -10.8140

Complementary

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



153.2060, -29.9390, -2.5710



151.7940, 29.9390, 2.5710

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.



156.8800, 17.6530, -6.0510



153.2060, -29.9390, -2.5710



159.5040, 25.1240, 7.2360

Square

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



153.2060, -29.9390, -2.5710



159.8090, 8.3880, 13.1880



158.1030, 24.5750, 0.6630



153.3050, -8.7090, -12.8770

Rectangle

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



153.2060, -29.9390, -2.5710



157.5230, -11.4180, 8.6940



158.1030, 24.5750, 0.6630



155.5800, 9.6300, -9.3300

Sweetspot

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



153.2060, -29.9390, -2.5710



225.7150, -12.3790, -1.4270



159.7990, -22.3240, -24.9480



112.5800, -7.5650, -0.5650



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.



153.2060, -29.9390, -2.5710



191.8820, -46.5820, -3.8140



136.1830, -21.9640, 12.5960



87.5480, -4.5390, -0.3390



80.0060, -79.2260, -6.9220



14.3450, -14.2130, -1.2290

Inverse Universe

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



145.2010, 22.3240, 24.9480



179.5760, 34.9300, 38.7860



168.8170, 21.9640, -12.5960



86.3750, 3.4380, 3.7740



58.7280, 58.9500, 66.0380



10.5380, 10.5890, 11.8450

Previews

White Background



This preview shows how the YIQ color 153.2060, -29.9390, -2.5710 looks on a white background.

Color Contrast Check

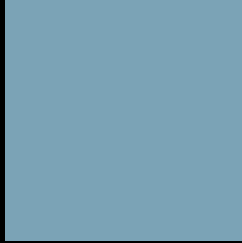
Large Text (above 18pt) WCAG AA × Fail

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 153.2060, -29.9390, -2.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

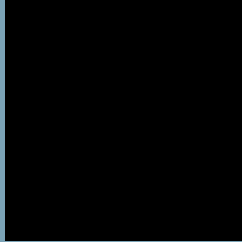
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

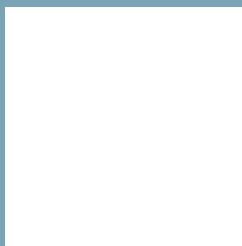
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 153.2060, -29.9390, -2.5710

Background



This preview shows how black text looks on a background with the YIQ color 153.2060, -29.9390, -2.5710.



This preview shows how white text looks on a background with the YIQ color 153.2060, -29.9390, -2.5710.

-2.5710.

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

153.2060, -29.9390, -2.5710

Protanopia

157.4970, -8.5290, 5.8950

Deuteranopia

158.3280, -6.3750, 10.9130



Tritanopia

152.9240, -29.2050, -4.8610

Trichromacy



Original Color

153.2060, -29.9390, -2.5710

Protanomaly

156.1970, -16.5520, 2.6160

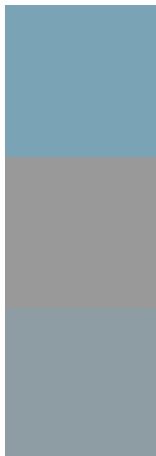
Deuteranomaly

156.6750, -14.9020, 5.7540

Tritanomaly

153.1520, -29.8470, -4.2390

Monochromacy



Original Color

153.2060, -29.9390, -2.5710

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.3130, -11.1870, -1.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.2060, -29.9390, -2.5710 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(123, 163, 182)` looks like.

```
.text, #text, p{  
    color:rgb(123, 163, 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(123, 163, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 163, 182) }
```

Border

The CSS property to change the border of an element to YIQ 153.2060, -29.9390, -2.5710 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(123, 163, 182) }
```


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

```
.border{ border-color:rgb(123, 163, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 163, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 163, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 163, 182);  
box-shadow:4px 4px 4px 4px rgb(123, 163,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 153.2060, -29.9390, -2.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 163, 182) }
```

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

```
.background{ background-color: rgb(123,  
163, 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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