

Converting Colors

YIQ(153.2230, -28.6090,
-4.6490)

Have a look what the booklet for
YIQ(153.2230, -28.6090, -4.6490)
contains.

YIQ(153.2230, -28.6090, -4.6490)	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(153.2230, -28.6090,
-4.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA4B1
RGB	123, 164, 177
RGB Percent	48%, 64%, 69%
CMY	0.5177, 0.3568, 0.3060
CMYK	0.31, 0.07, 0.00, 0.31
HSL	194°, 26%, 59%
HSV	194°, 31%, 69%
XYZ	29.3763, 33.9394, 46.5812
YIQ	153.2230, -28.6090, -4.6490

Conversions

Conversions Part 2

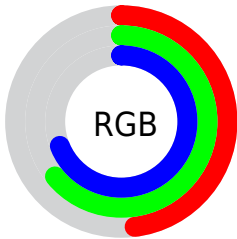
Format	Color
RYB	123, 146, 177
Decimal	8103089
CIELab	64.91, -10.71, -11.19
CIElCh	65, 15.493, 226.255
Yxy	33.9394, 0.2673, 0.3088
Android (android.graphics.Color)	4286293169 (0xFF7BA4B1)
YUV	153.2230, 11.7221, -26.5056
Hunter-Lab	58.2576, -11.9422, -6.6264

Details

The YIQ color **153.2230, -28.6090, -4.6490** is a light color, and the websafe version is hex **669999**. A complement of this color would be **146.7770, 28.6090, 4.6490**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0380, -29.5260, -4.5500**, and **101.4080, -27.6920, -4.7480** is the 20% darker color. If you saturate the color by 10%, you get **145.4930, -38.2370, -6.3730**, and if you desaturate by 10%, it is **160.9530, -18.9810, -2.9250**.

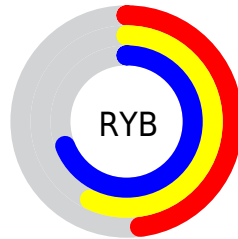
Distribution



Red (48%)

Green (64%)

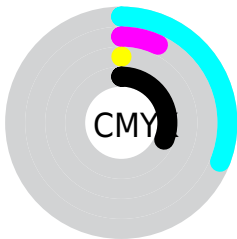
Blue (69%)



Red (48%)

Yellow (57%)

Blue (69%)

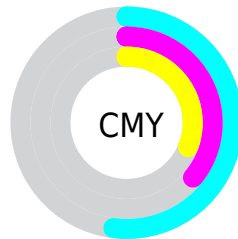


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.2230, -28.6090, -4.6490 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 153.2230, -28.6090, -4.6490 by changing the saturation by 10% instead.

■ 153.2230,
-28.6090, -4.6490

■ 153.2230,
-28.6090, -4.6490

■ 255.0000, -0.0000,
-0.0000

■ 127.1090,
-28.2880, -4.9600

■ 208.0380,
-29.5260, -4.5500

■ 101.4080,
-27.6920, -4.7480

■ 235.9410,
-27.8750, -6.9390

■ 76.9950, -27.9670,
-5.2710

■ 248.4220,
-13.1120, -4.6640

■ 52.5110, -29.4800,
-5.3840

■ 30.6960, -28.5630,
-5.4830

■ 17.1490, -16.5970,
-2.0770

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 153.2230,
-28.6090, -4.6490

■ 153.2230,
-28.6090, -4.6490

■ 145.4930,
-38.2370, -6.3730

■ 160.9530,
-18.9810, -2.9250

■ 138.0620,
-47.2690, -7.8850

■ 168.9710,
-10.2240, -1.9360

■ 129.7450,
-56.6220, -9.0860

■ 176.7010, -0.5960,
-0.2120

■ 122.0150,
-66.2500, -10.8100

■ 184.4310, 9.0320,
1.5120

■ 114.2850,
-75.8780, -12.5340

■ 191.8620, 18.0640,
3.0240

■ 106.8540,
-84.9100, -14.0460

■ 199.5920, 27.6920,
4.7480

■ 99.4230, -93.9420,
-15.5580

■ 207.9090, 37.0450,
5.9490

■ 212.6490, 40.7130,
5.5530

■ 214.9970, 39.6130,
3.4610

Harmonies

Analogous

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



152.7300, -25.9030, -9.6390



153.2230, -28.6090, -4.6490



155.8480, -22.8790, 1.6410

Triad

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



153.2230, -28.6090, -4.6490



160.5770, 14.8530, 11.6610



156.1070, 9.5840, -8.4960

Complementary

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



153.2230, -28.6090, -4.6490



146.7770, 28.6090, 4.6490

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.



157.6570, 19.8990, -2.7010



153.2230, -28.6090, -4.6490



159.8890, 22.6020, 8.8900

Square

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



153.2230, -28.6090, -4.6490



159.9330, 2.1070, 11.3790



158.7980, 24.1160, 3.4760



154.7680, -2.7030, -11.5910

Rectangle

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



153.2230, -28.6090, -4.6490



157.4900, -15.8190, 5.8530



158.7980, 24.1160, 3.4760



156.6130, 14.0310, -6.4890

Sweetspot

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



153.2230, -28.6090, -4.6490



220.7860, -11.1410, -1.8370



156.1800, -19.0230, -24.1990



109.3520, -6.9230, -1.1870



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



153.2230, -28.6090, -4.6490



192.2580, -44.8850, -7.0370



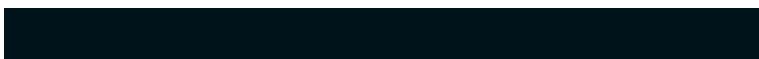
137.3740, -21.1840, 9.4720



85.1350, -4.8140, -0.8620



85.5340, -81.0130, -13.0850



14.1170, -13.5710, -1.8510

Inverse Universe

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



143.8200, 19.0230, 24.1990



177.7110, 30.1160, 37.9240



162.6260, 21.1840, -9.4720



83.4890, 3.1170, 4.0850



58.9710, 53.9520, 68.5120



9.9400, 9.3970, 11.4210

Previews

White Background



This preview shows how the YIQ color 153.2230, -28.6090, -4.6490 looks on a white background.

Color Contrast Check

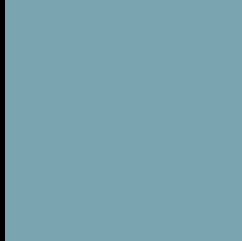
Large Text (above 18pt) WCAG AA × Fail

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 153.2230, -28.6090, -4.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

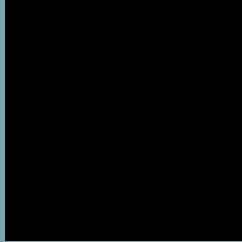
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.2230, -28.6090, -4.6490

Background



This preview shows how black text looks on a background with the YIQ color 153.2230, -28.6090, -4.6490.



This preview shows how white text looks on a background with the YIQ color 153.2230, -28.6090, -4.6490.

-4.6490.

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

153.2230, -28.6090, -4.6490

Protanopia

157.5250, -5.7320, 4.7640

Deuteranopia

158.6550, -2.9820, 9.9940



Tritanopia

153.2230, -28.6090, -4.6490

Trichromacy



Original Color

153.2230, -28.6090, -4.6490

Protanomaly

155.9260, -14.3510, 1.2730

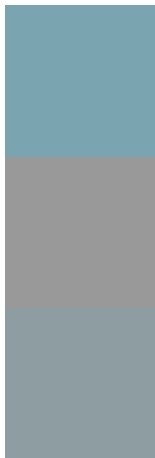
Deuteranomaly

156.7030, -12.1050, 4.6230

Tritanomaly

153.2230, -28.6090, -4.6490

Monochromacy



Original Color

153.2230, -28.6090, -4.6490

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.0850, -10.5450, -1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.2230, -28.6090, -4.6490 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, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(123, 164, 177)  
}
```

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, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 164, 177) }
```

Border

The CSS property to change the border of an element to YIQ 153.2230, -28.6090, -4.6490 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, 164, 177) }
```


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

```
.border{ border-color:rgb(123, 164, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 164, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 164, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 164, 177);  
box-shadow:4px 4px 4px 4px rgb(123, 164,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 153.2230, -28.6090, -4.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 164, 177) }
```

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

```
.background{ background-color: rgb(123,  
164, 177) }
```

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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