

Converting Colors

YIQ(152.5790, -33.3280,
-23.7600)

Have a look what the booklet for
YIQ(152.5790, -33.3280, -23.7600)
contains.

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Color

**YIQ(152.5790, -33.3280,
-23.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	6AB195
RGB	106, 177, 149
RGB Percent	42%, 69%, 58%
CMY	0.5845, 0.3058, 0.4158
CMYK	0.40, 0.00, 0.16, 0.31
HSL	156°, 31%, 55%
HSV	156°, 40%, 69%
XYZ	27.0888, 36.6863, 34.0754
YIQ	152.5790, -33.3280, -23.7600

Conversions

Conversions Part 2

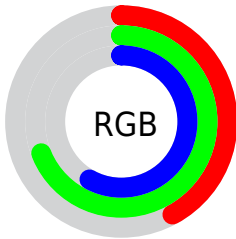
Format	Color
RYB	106, 150, 177
Decimal	6992277
CIELab	67.04, -28.89, 7.39
CIElCh	67, 29.821, 165.657
Yxy	36.6863, 0.2768, 0.3749
Android (android.graphics.Color)	4285182357 (0xFF6AB195)
YUV	152.5790, -1.7644, -40.8498
Hunter-Lab	60.5692, -26.1644, 9.0427

Details

The YIQ color **152.5790, -33.3280, -23.7600** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **130.4210, 33.3280, 23.7600**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.7530, -33.8780, -24.8060**, and **99.8070, -33.9700, -23.1380** is the 20% darker color. If you saturate the color by 10%, you get **146.3990, -41.8090, -29.7530**, and if you desaturate by 10%, it is **158.7590, -24.8470, -17.7670**.

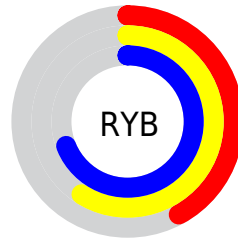
Distribution



Red (42%)

Green (69%)

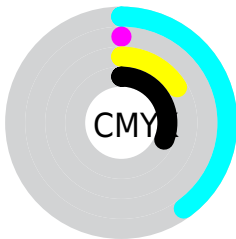
Blue (58%)



Red (42%)

Yellow (59%)

Blue (69%)

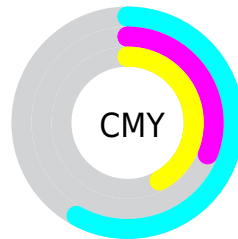


Cyan (40%)

Magenta (0%)

Yellow (16%)

Black (31%)



Cyan (58%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.5790, -33.3280, -23.7600 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 152.5790, -33.3280, -23.7600 by changing the saturation by 10% instead.

■ 152.5790,
-33.3280, -23.7600

■ 152.5790,
-33.3280, -23.7600

■ 255.0000, -0.0000,
-0.0000

■ 125.9920,
-33.0530, -23.2370

■ 207.7530,
-33.8780, -24.8060

■ 99.8070, -33.9700,
-23.1380

■ 232.2310,
-32.2280, -21.6680

■ 73.7250, -36.6750,
-23.6750

■ 243.3390,
-23.2440, -8.2680

■ 49.3660, -37.0420,
-22.5300

■ 252.3090, -5.3640,
-1.9080

■ 33.4710, -23.9760,
-17.0320

■ 19.4680, -10.7260,
-14.8700

■ 0.0000, 0.0000,

0.0000

■ 152.5790,
-33.3280, -23.7600

■ 152.5790,
-33.3280, -23.7600

■ 146.3990,
-41.8090, -29.7530

■ 158.7590,
-24.8470, -17.7670

■ 140.5180,
-49.6940, -35.5340

■ 164.6400,
-16.9620, -11.9860

■ 134.3380,
-58.1750, -41.5270

■ 170.8200, -8.4810,
-5.9930

■ 128.1580,
-66.6560, -47.5200

■ 177.0000, -0.0000,
0.0000

■ 121.9780,
-75.1370, -53.5130

■ 182.8810, 7.8850,
5.7810

■ 116.0970,
-83.0220, -59.2940

■ 189.0610, 16.3660,
11.7740

■ 195.2410, 24.8470,
17.7670

■ 201.4210, 33.3280,
23.7600

■ 204.3120, 35.2530,
27.4210

Harmonies

Analogous

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



156.7640, -6.0480, -22.5600



152.5790, -33.3280, -23.7600



148.5840, -58.0870, -21.0870

Triad

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



152.5790, -33.3280, -23.7600



163.5680, -24.4860, 14.2500



164.3290, 44.6100, 6.5140

Complementary

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



152.5790, -33.3280, -23.7600



130.4210, 33.3280, 23.7600

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.



165.9240, 41.8570, 17.8650



152.5790, -33.3280, -23.7600



166.5670, 3.6180, 22.5460

Square

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



152.5790, -33.3280, -23.7600



156.8910, -50.8010, 1.0630



166.8980, 27.5510, 23.8310



162.6340, 35.9010, -6.3630

Rectangle

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



152.5790, -33.3280, -23.7600



148.3260, -65.9280, -16.6480



166.8980, 27.5510, 23.8310



165.1490, 45.2970, 10.5850

Sweetspot

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



152.5790, -33.3280, -23.7600



220.3740, -13.1570, -9.3570



156.0490, -2.8370, -31.1970



109.4180, -7.2890, -5.5690



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.



152.5790, -33.3280, -23.7600



191.7950, -52.0320, -37.2160



151.6620, -40.3910, -11.3910



85.9670, -4.4010, -2.8410



100.4130, -71.9280, -51.0960



16.9720, -11.9650, -8.9330

Inverse Universe

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



130.4210, 33.3280, 23.7600



157.2050, 52.0320, 37.2160



131.3380, 40.3910, 11.3910



83.1470, 4.0800, 3.1520



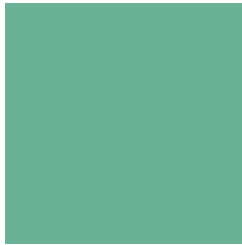
52.5870, 71.9280, 51.0960



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 152.5790, -33.3280, -23.7600 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 152.5790, -33.3280, -23.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

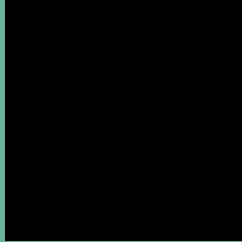
Any Text WCAG AA ✓ Pass

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 152.5790, -33.3280, -23.7600 Background



This preview shows how black text looks on a background with the YIQ color 152.5790, -33.3280, -23.7600.



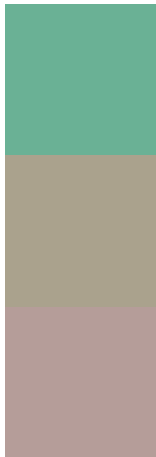
This preview shows how white text looks on a background with the YIQ color 152.5790, -33.3280, -23.7600.

-23.7600.

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

152.5790, -33.3280, -23.7600

Protanopia

161.9980, 11.5090, -4.8350

Deuteranopia

163.7200, 15.5880, 3.8440



Tritanopia

156.5530, -38.4660, -7.7300

Trichromacy



Original Color

152.5790, -33.3280, -23.7600

Protanomaly

158.3980, -4.5370, -11.3930

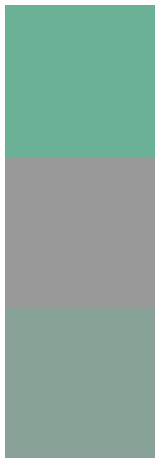
Deuteranomaly

159.6420, -2.1080, -5.8520

Tritanomaly

155.3480, -36.6310, -13.4550

Monochromacy



Original Color

152.5790, -33.3280, -23.7600

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.0860, -12.2860, -8.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.5790, -33.3280, -23.7600 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(106, 177, 149)` looks like.

```
.text, #text, p{  
    color:rgb(106, 177, 149)  
}
```

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(106, 177, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 177, 149) }
```

Border

The CSS property to change the border of an element to YIQ 152.5790, -33.3280, -23.7600 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(106, 177, 149) }
```


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

```
.border{ border-color:rgb(106, 177, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 177, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 177, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 177, 149);  
box-shadow:4px 4px 4px 4px rgb(106, 177,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 152.5790, -33.3280, -23.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 177, 149) }
```

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

```
.background{ background-color: rgb(106,  
177, 149) }
```

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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