

Converting Colors

YIQ(152.2530, -46.4890,
-11.0090)

Have a look what the booklet for
YIQ(152.2530, -46.4890, -11.0090)
contains.

YIQ(152.2530, -46.4890, -11.0090)	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(152.2530, -46.4890,
-11.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	65ACB9
RGB	101, 172, 185
RGB Percent	40%, 67%, 73%
CMY	0.6041, 0.3254, 0.2747
CMYK	0.45, 0.07, 0.00, 0.27
HSL	189°, 37%, 56%
HSV	189°, 45%, 73%
XYZ	28.8722, 35.7814, 51.2563
YIQ	152.2530, -46.4890, -11.0090

Conversions

Conversions Part 2

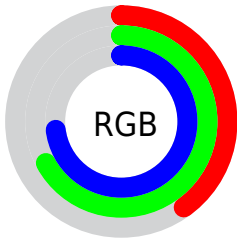
Format	Color
R _{YB}	101, 139, 185
Decimal	6663353
CIE _{Lab}	66.35, -18.86, -13.59
CIE _{LCh}	66, 23.246, 215.790
Y _{xy}	35.7814, 0.2491, 0.3087
Android (android.graphics.Color)	4284853433 (0xFF65ACB9)
YUV	152.2530, 16.1443, -44.9489
Hunter-Lab	59.8176, -18.5242, -8.9319

Details

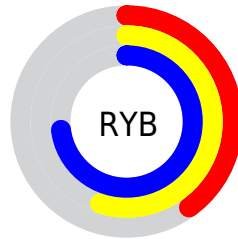
The YIQ color **152.2530, -46.4890, -11.0090** is a light color, and the websafe version is hex **669999**. A complement of this color would be **133.7470, 46.4890, 11.0090**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.9540, -47.0850, -11.2210**, and **98.6440, -49.1480, -12.3800** is the 20% darker color. If you saturate the color by 10%, you get **144.8110, -56.9880, -13.4680**, and if you desaturate by 10%, it is **159.3960, -36.5860, -8.7620**.

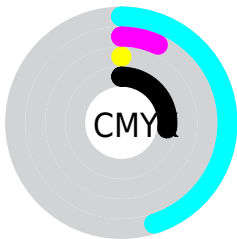
Distribution



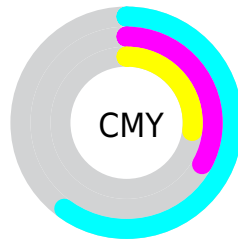
- Red (40%)
- Green (67%)
- Blue (73%)



- Red (40%)
- Yellow (55%)
- Blue (73%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.2530, -46.4890, -11.0090 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 152.2530, -46.4890, -11.0090 by changing the saturation by 10% instead.

■ 152.2530,
-46.4890, -11.0090

■ 152.2530,
-46.4890, -11.0090

■ 255.0000, -0.0000,
-0.0000

■ 124.9540,
-47.0850, -11.2210

■ 207.9540,
-47.0850, -11.2210

■ 98.6440, -49.1480,
-12.3800

■ 234.0700,
-41.7200, -14.8400

■ 68.5610, -59.2800,
-15.9840

■ 242.4420,
-25.0320, -8.9040

■ 51.0250, -45.8470,
-11.6310

■ 251.4120, -7.1520,
-2.5440

■ 34.9020, -32.1390,
-6.7550

■ 21.3550, -20.1730,
-3.3490

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 152.2530,
-46.4890, -11.0090

■ 152.2530,
-46.4890, -11.0090

■ 144.8110,
-56.9880, -13.4680

■ 159.3960,
-36.5860, -8.7620

■ 137.6680,
-66.8910, -15.7150

■ 166.8380,
-26.0870, -6.3030

■ 130.2260,
-77.3900, -18.1740

■ 173.9810,
-16.1840, -4.0560

■ 123.6700,
-87.5680, -20.9440

■ 180.8360, -5.4100,
-1.0740

■ 116.2280,
-98.0670, -23.4030

■ 187.9790, 4.4930,
1.1730

■ 113.2490,
-102.5600, -24.5760

■ 195.4210, 14.9920,
3.6320

■ 202.5640, 24.8950,
5.8790

■ 210.0060, 35.3940,
8.3380

■ 213.5610, 38.1450,
8.0410

Harmonies

Analogous

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



152.3540, -36.7680, -16.4800



152.2530, -46.4890, -11.0090



155.6870, -41.5390, -1.5950

Triad

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



152.2530, -46.4890, -11.0090



165.2770, 15.9980, 18.4460



159.9140, 20.3130, -10.2070

Complementary

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



152.2530, -46.4890, -11.0090



133.7470, 46.4890, 11.0090

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.



161.6430, 31.6820, -1.4860



152.2530, -46.4890, -11.0090



164.4110, 30.1200, 15.8160

Square

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



152.2530, -46.4890, -11.0090



164.0450, -3.9000, 15.6200



163.0060, 35.3940, 8.3380



157.3570, 2.7080, -16.0440

Rectangle

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



152.2530, -46.4890, -11.0090



158.8780, -31.5910, 5.3450



163.0060, 35.3940, 8.3380



160.8330, 25.0350, -7.6770

Sweetspot

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



152.2530, -46.4890, -11.0090



226.8990, -18.8890, -4.5930



151.7900, -27.2730, -39.8890



111.9600, -11.6910, -2.8830



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.



152.2530, -46.4890, -11.0090



189.3900, -71.9800, -17.1000



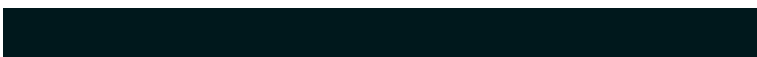
127.5990, -34.9390, 10.9570



88.1350, -4.8140, -0.8620



95.2680, -86.3760, -20.5200



17.2800, -15.5880, -3.8440

Inverse Universe

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



134.2100, 27.2730, 39.8890



161.4100, 42.1700, 61.7700



158.4010, 34.9390, -10.9570



86.4890, 3.1170, 4.0850



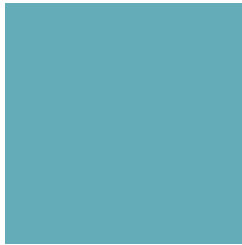
61.6920, 50.6040, 74.1240



11.1080, 8.9840, 13.4000

Previews

White Background



This preview shows how the YIQ color 152.2530, -46.4890, -11.0090 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 152.2530, -46.4890, -11.0090 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 152.2530, -46.4890, -11.0090 Background



This preview shows how black text looks on a background with the YIQ color 152.2530, -46.4890, -11.0090.



This preview shows how white text looks on a background with the YIQ color 152.2530, -46.4890, -11.0090.

-11.0090.

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

152.2530, -46.4890, -11.0090

Protanopia

161.0520, -5.7780, 5.5980

Deuteranopia

162.3280, -6.3750, 10.9130



Tritanopia

152.3670, -46.8100, -10.6980

Trichromacy



Original Color

152.2530, -46.4890, -11.0090

Protanomaly

158.0500, -20.6320, -0.5360

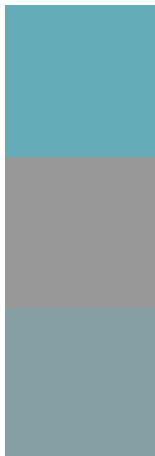
Deuteranomaly

158.2720, -21.1370, 3.1110

Tritanomaly

152.3670, -46.8100, -10.6980

Monochromacy



Original Color

152.2530, -46.4890, -11.0090

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.7960, -17.1010, -3.9570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.2530, -46.4890, -11.0090 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(101, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(101, 172, 185)  
}
```

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(101, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 172, 185) }
```

Border

The CSS property to change the border of an element to YIQ 152.2530, -46.4890, -11.0090 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(101, 172, 185) }
```


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

```
.border{ border-color:rgb(101, 172, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 172, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(101, 172,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 152.2530, -46.4890, -11.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 172, 185) }
```

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

```
.background{ background-color: rgb(101,  
172, 185) }
```

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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