

Converting Colors

YIQ(130.6700, -25.6740,
-8.2820)

Have a look what the booklet for
YIQ(130.6700, -25.6740, -8.2820)
contains.

YIQ(130.6700, -25.6740, -8.2820)	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(130.6700, -25.6740,
-8.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	658F91
RGB	101, 143, 145
RGB Percent	40%, 56%, 57%
CMY	0.6040, 0.4391, 0.4315
CMYK	0.30, 0.01, 0.00, 0.43
HSL	183°, 18%, 48%
HSV	183°, 30%, 57%
XYZ	20.2979, 24.4590, 30.4286
YIQ	130.6700, -25.6740, -8.2820

Conversions

Conversions Part 2

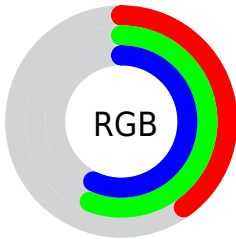
Format	Color
R_{YB}	101, 122, 145
Decimal	6655889
CIE _{Lab}	56.54, -13.83, -5.68
CIE _{LCh}	57, 14.949, 202.340
Yxy	24.4590, 0.2700, 0.3253
Android (android.graphics.Color)	4284845969 (0xFF658F91)
YUV	130.6700, 7.0647, -26.0206
Hunter-Lab	49.4560, -13.2875, -1.8599

Details

The YIQ color $130.6700, -25.6740, -8.2820$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $115.3300, 25.6740, 8.2820$, and the grayscale version is $131.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $184.0720, -26.8660, -8.7060$, and $80.6700, -25.6740, -8.2820$ is the 20% darker color. If you saturate the color by 10%, you get $125.5980, -34.3390, -10.9390$, and if you desaturate by 10%, it is $135.4430, -17.6050, -5.8370$.

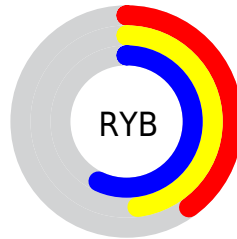
Distribution



Red (40%)

Green (56%)

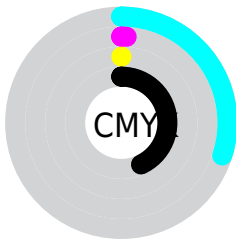
Blue (57%)



Red (40%)

Yellow (48%)

Blue (57%)

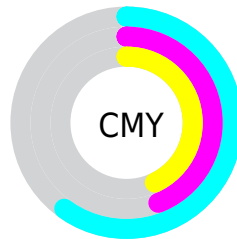


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (60%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.6700, -25.6740, -8.2820 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 130.6700, -25.6740, -8.2820 by changing the saturation by 10% instead.

■ 130.6700,
-25.6740, -8.2820

■ 130.6700,
-25.6740, -8.2820

■ 255.0000, -0.0000,
-0.0000

■ 104.9690,
-25.0780, -8.0700

■ 184.0720,
-26.8660, -8.7060

■ 80.6700, -25.6740,
-8.2820

■ 212.0720,
-26.8660, -8.7060

■ 56.6700, -25.6740,
-8.2820

■ 240.6590,
-27.1410, -9.2290

■ 32.5880, -28.3790,
-8.8190

■ 249.6180,
-10.7280, -3.8160

■ 19.0410, -16.4130,
-5.4130

■ 0.0000, 0.0000,
0.0000

■ 130.6700,
-25.6740, -8.2820

■ 130.6700,
-25.6740, -8.2820

■ 125.5980,
-34.3390, -10.9390

■ 135.4430,
-17.6050, -5.8370

■ 121.4120,
-42.6830, -13.9070

■ 139.9280, -8.6650,
-2.6570

■ 116.3400,
-51.3480, -16.5640

■ 144.7010, -0.5960,
-0.2120

■ 111.5670,
-59.4170, -19.0090

■ 149.7730, 8.0690,
2.4450

■ 107.0820,
-68.3570, -22.1890

■ 153.9590, 16.4130,
5.4130

■ 102.3090,
-76.4260, -24.6340


■ 159.0310, 25.0780,
8.0700

■ 98.1230, -84.7700,
-27.6020

■ 163.8040, 33.1470,
10.5150

■ 168.2890, 42.0870,

13.6950

 173.0620, 50.1560,
16.1400

Harmonies

Analogous

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



131.2810, -17.3290, -10.8410



130.6700, -25.6740, -8.2820



131.6470, -26.8670, -3.1790

Triad

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



130.6700, -25.6740, -8.2820



137.6020, 4.5370, 11.3930



135.7490, 16.6440, -4.2840

Complementary

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



130.6700, -25.6740, -8.2820



115.3300, 25.6740, 8.2820

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.



137.0750, 21.7780, 1.7940



130.6700, -25.6740, -8.2820



138.2350, 15.8160, 10.7280

Square

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



130.6700, -25.6740, -8.2820



136.3770, -8.0710, 8.6090



137.6500, 21.7770, 7.3210



134.0250, 6.8790, -9.0330

Rectangle

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



130.6700, -25.6740, -8.2820



133.3210, -22.8330, 0.8070



137.6500, 21.7770, 7.3210



135.8850, 19.2570, -2.0790

Sweetspot

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



130.6700, -25.6740, -8.2820



183.3300, -9.8570, -3.0810



126.9420, -12.4210, -22.7010



91.0100, -5.9600, -2.1200



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



130.6700, -25.6740, -8.2820



166.9070, -39.7030, -12.8470



118.3430, -19.8990, 2.7010



68.9070, -4.1720, -1.4840



91.1130, -78.8100, -25.4820



5.0210, -4.4930, -1.1730

Inverse Universe

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



118.9440, 12.7420, 22.3900



148.7420, 19.6630, 34.6310



127.6570, 19.8990, -2.7010



66.8910, 1.9250, 3.6610



55.0710, 39.0510, 68.7390



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 130.6700, -25.6740, -8.2820 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 130.6700, -25.6740, -8.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

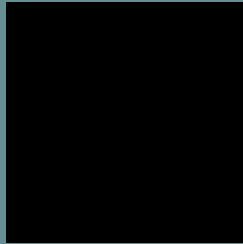
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.6700, -25.6740, -8.2820

Background



This preview shows how black text looks on a background with the YIQ color 130.6700, -25.6740, -8.2820.



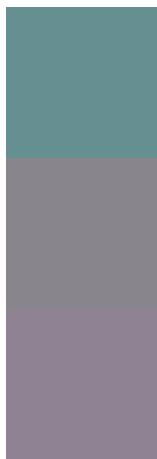
This preview shows how white text looks on a background with the YIQ color 130.6700, -25.6740, -8.2820.

-8.2820.

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

130.6700, -25.6740, -8.2820

Protanopia

135.2820, -0.7340, 2.2900

Deuteranopia

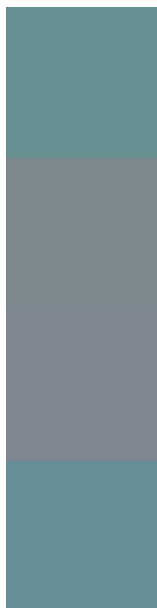
136.4120, 2.0160, 7.5200



Tritanopia

131.5930, -26.7750, -4.8470

Trichromacy



Original Color

130.6700, -25.6740, -8.2820

Protanomaly

133.3840, -9.9490, -1.4130

Deuteranomaly

134.1610, -7.7030, 1.9370

Tritanomaly

130.9520, -26.4080, -5.9920

Monochromacy



Original Color

130.6700, -25.6740, -8.2820

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.6290, -9.2610, -2.8690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.6700, -25.6740, -8.2820 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, 143, 145)` looks like.

```
.text, #text, p{  
    color:rgb(101, 143, 145)  
}
```

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, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 143, 145) }
```

Border

The CSS property to change the border of an element to YIQ 130.6700, -25.6740, -8.2820 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, 143, 145) }
```


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

```
.border{ border-color:rgb(101, 143, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 143, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 143, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 143, 145);  
box-shadow:4px 4px 4px 4px rgb(101, 143,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 130.6700, -25.6740, -8.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 143, 145) }
```

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

```
.background{ background-color: rgb(101,  
143, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor