

Converting Colors

YIQ(137.7520, -30.9960,
11.0840)

Have a look what the booklet for
YIQ(137.7520, -30.9960, 11.0840)
contains.

YIQ(137.7520, -30.9960, 11.0840)	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(137.7520, -30.9960,
11.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	738BBF
RGB	115, 139, 191
RGB Percent	45%, 55%, 75%
CMY	0.5490, 0.4549, 0.2511
CMYK	0.40, 0.27, 0.00, 0.25
HSL	221°, 37%, 60%
HSV	221°, 40%, 75%
XYZ	25.7029, 25.8724, 52.9054
YIQ	137.7520, -30.9960, 11.0840

Conversions

Conversions Part 2

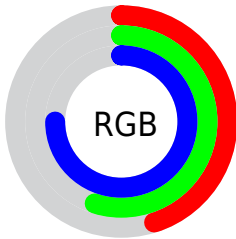
Format	Color
R_{YB}	115, 133, 191
Decimal	7572415
CIE _{Lab}	57.92, 4.73, -29.79
CIE _{LCh}	58, 30.165, 279.025
Yxy	25.8724, 0.2460, 0.2476
Android (android.graphics.Color)	4285762495 (0xFF738BBF)
YUV	137.7520, 26.2513, -19.9535
Hunter-Lab	50.8649, 1.1855, -26.0630

Details

The YIQ color $137.7520, -30.9960, 11.0840$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $168.2480, 30.9960, -11.0840$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.5070, -31.6840, 12.5400$, and $86.3990, -31.5000, 9.2040$ is the 20% darker color. If you saturate the color by 10%, you get $124.4400, -38.7450, 13.8550$, and if you desaturate by 10%, it is $151.0640, -23.2470, 8.3130$.

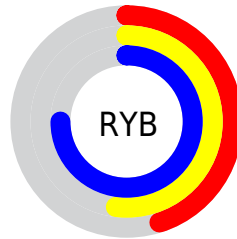
Distribution



Red (45%)

Green (55%)

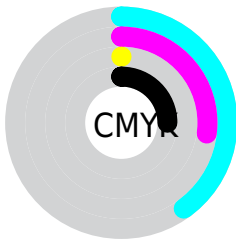
Blue (75%)



Red (45%)

Yellow (52%)

Blue (75%)

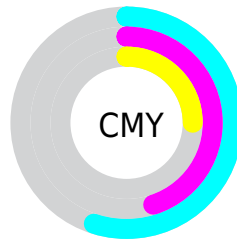


Cyan (40%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (55%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7520, -30.9960, 11.0840 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 137.7520, -30.9960, 11.0840 by changing the saturation by 10% instead.

■ 137.7520,
-30.9960, 11.0840

■ 137.7520,
-30.9960, 11.0840

■ 255.0000, -0.0000,
-0.0000

■ 112.2250,
-30.9500, 10.2500

■ 191.5070,
-31.6840, 12.5400

■ 86.3990, -31.5000,
9.2040

■ 217.1130,
-24.9430, 6.0090

■ 61.9750, -33.2420,
7.7340

■ 242.8070,
-15.6340, -3.0100

■ 35.7460, -40.0270,
4.0450

■ 21.2700, -26.8230,
7.0410

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 137.7520,
-30.9960, 11.0840

■ 137.7520,
-30.9960, 11.0840

■ 124.4400,
-38.7450, 13.8550

■ 151.0640,
-23.2470, 8.3130

■ 111.1280,
-46.4940, 16.6260

■ 164.3760,
-15.4980, 5.5420

■ 97.8160, -54.2430,
19.3970

■ 177.6880, -7.7490,
2.7710

■ 84.5040, -61.9920,
22.1680

■ 191.0000, -0.0000,
-0.0000

■ 71.1920, -69.7410,
24.9390

■ 204.3120, 7.7490,
-2.7710

■ 57.5810, -78.0860,
27.4980

■ 217.9230, 16.0940,
-5.3300

■ 56.9940, -77.8110,
28.0210

■ 231.2350, 23.8430,
-8.1010

■ 240.6600, 23.8440,
-13.6280

■ 247.7040, 20.5440,
-19.9040

Harmonies

Analogous

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



129.2490, -57.8610, -3.1490



137.7520, -30.9960, 11.0840



141.9900, -2.0670, 20.9490

Triad

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



137.7520, -30.9960, 11.0840



140.6110, 43.8760, 8.8040



129.1020, -27.5510, -23.8310

Complementary

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



137.7520, -30.9960, 11.0840



168.2480, 30.9960, -11.0840

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.



133.2270, -0.0420, -21.2740



137.7520, -30.9960, 11.0840



138.8840, 38.1930, -3.8470

Square

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



137.7520, -30.9960, 11.0840



142.0100, 38.7390, 19.3070



136.6490, 22.3770, -14.5750



123.7860, -55.8400, -23.2640

Rectangle

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



137.7520, -30.9960, 11.0840



143.2540, 14.8050, 23.5490



136.6490, 22.3770, -14.5750



130.8920, -18.1520, -23.4640

Sweetspot

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



137.7520, -30.9960, 11.0840



226.5890, -11.7840, 4.3120



165.5400, -37.5920, -23.5760



112.5740, -7.4280, 2.4600



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.7520, -30.9960, 11.0840



164.1710, -48.0530, 17.3470



127.8500, -16.0520, 26.6040



87.7870, -3.7140, 1.2300



47.3620, -64.4680, 22.9880



9.4040, -12.7010, 4.4110

Inverse Universe

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



140.4600, 37.5920, 23.5760



168.5000, 58.4510, 36.5230



178.1500, 16.0520, -26.6040



88.0330, 4.4010, 2.8410



52.9420, 78.1180, 49.0460



10.4090, 15.2660, 9.6820

Previews

White Background



This preview shows how the YIQ color 137.7520, -30.9960, 11.0840 looks on a white background.

Color Contrast Check

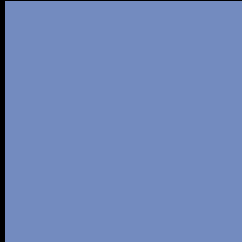
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7520, -30.9960, 11.0840 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

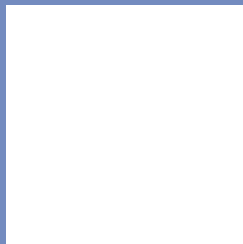
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.7520, -30.9960, 11.0840

Background



This preview shows how black text looks on a background with the YIQ color 137.7520, -30.9960, 11.0840.



This preview shows how white text looks on a background with the YIQ color 137.7520, -30.9960,

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

137.7520, -30.9960, 11.0840

Protanopia

139.0410, -24.4400, 13.4160

Deuteranopia

138.6710, -26.2740, 13.6140



Tritanopia

134.7070, -27.0960, -4.5360

Trichromacy



Original Color

137.7520, -30.9960, 11.0840

Protanomaly

138.8450, -26.8240, 12.5680

Deuteranomaly

138.3610, -28.3370, 12.4550

Tritanomaly

135.7980, -28.6100, 0.8780

Monochromacy



Original Color

137.7520, -30.9960, 11.0840

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7740, -10.8670, 4.2130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7520, -30.9960, 11.0840 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(115, 139, 191)` looks like.

```
.text, #text, p{  
    color:rgb(115, 139, 191)  
}
```

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(115, 139, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 139, 191) }
```

Border

The CSS property to change the border of an element to YIQ 137.7520, -30.9960, 11.0840 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(115, 139, 191) }
```


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

```
.border{ border-color:rgb(115, 139, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 139, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 139, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 139, 191);  
box-shadow:4px 4px 4px 4px rgb(115, 139,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7520, -30.9960, 11.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 139, 191) }
```

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

```
.background{ background-color: rgb(115,  
139, 191) }
```

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