

Converting Colors

YIQ(137.0760, -23.5210, 2.2630)

Have a look what the booklet for
YIQ(137.0760, -23.5210, 2.2630)
contains.

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Color

**YIQ(137.0760, -23.5210,
2.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	748EA7
RGB	116, 142, 167
RGB Percent	45%, 56%, 65%
CMY	0.5451, 0.4431, 0.3452
CMYK	0.31, 0.15, 0.00, 0.35
HSL	209°, 22%, 55%
HSV	209°, 31%, 65%
XYZ	23.8479, 25.8504, 40.2780
YIQ	137.0760, -23.5210, 2.2630

Conversions

Conversions Part 2

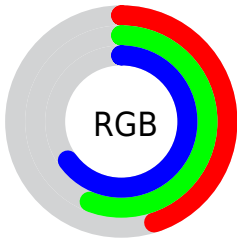
Format	Color
RYB	116, 133, 167
Decimal	7638695
CIELab	57.89, -3.15, -16.17
CIELCh	58, 16.470, 258.969
Yxy	25.8504, 0.2650, 0.2873
Android (android.graphics.Color)	4285828775 (0xFF748EA7)
YUV	137.0760, 14.7525, -18.4837
Hunter-Lab	50.8433, -5.2509, -11.3791

Details

The YIQ color $137.0760, -23.5210, 2.2630$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $145.9240, 23.5210, -2.2630$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.8910, -24.4380, 2.3620$, and $86.8480, -22.8790, 1.6410$ is the 20% darker color. If you saturate the color by 10%, you get $127.2970, -31.4530, 2.8430$, and if you desaturate by 10%, it is $146.8550, -15.5890, 1.6830$.

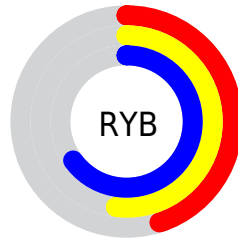
Distribution



Red (45%)

Green (56%)

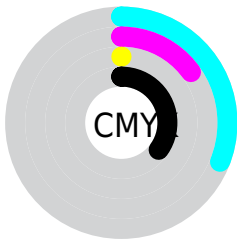
Blue (65%)



Red (45%)

Yellow (52%)

Blue (65%)

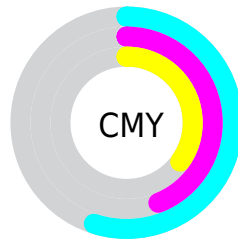


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.0760, -23.5210, 2.2630 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 137.0760, -23.5210, 2.2630 by changing the saturation by 10% instead.

■ 137.0760,
-23.5210, 2.2630

■ 137.0760,
-23.5210, 2.2630

■ 255.0000, -0.0000,
-0.0000

■ 111.3750,
-22.9250, 2.4750

■ 190.8910,
-24.4380, 2.3620

■ 86.8480, -22.8790,
1.6410

■ 219.0050,
-24.7590, 2.6730

■ 62.7340, -22.5580,
1.3300

■ 244.2690,
-17.0550, -4.7910

■ 39.7230, -24.0250,
0.3830

■ 254.7010, -0.5960,
-0.2120

■ 20.3920, -21.5950,
0.3970

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,

0.0000

■ 137.0760,
-23.5210, 2.2630

■ 137.0760,
-23.5210, 2.2630

■ 127.2970,
-31.4530, 2.8430

■ 146.8550,
-15.5890, 1.6830

■ 117.8170,
-38.7890, 3.6350

■ 156.3350, -8.2530,
0.8910

■ 107.4510,
-46.4460, 4.7380

■ 166.7010, -0.5960,
-0.2120

■ 97.6720, -54.3780,
5.3180

■ 176.4800, 7.3360,
-0.7920

■ 88.1920, -61.7140,
6.1100

■ 185.9600, 14.6720,
-1.5840

■ 78.4130, -69.6460,
6.6900

■ 195.7390, 22.6040,
-2.1640

■ 68.9330, -76.9820,
7.4820

■ 205.5180, 30.5360,
-2.7440

■ 215.2970, 38.4680,
-3.3240

■ 222.0750, 38.9730,
-6.9710

Harmonies

Analogous

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



134.7390, -30.1220, -4.7620



137.0760, -23.5210, 2.2630



139.7080, -10.5010, 8.5950

Triad

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



137.0760, -23.5210, 2.2630



141.0740, 23.5190, 8.7910



135.8710, -4.4910, -12.2270

Complementary

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



137.0760, -23.5210, 2.2630



145.9240, 23.5210, -2.2630

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.



137.6940, 9.3090, -9.0190



137.0760, -23.5210, 2.2630



140.5700, 24.7580, 2.8540

Square

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



137.0760, -23.5210, 2.2630



141.5880, 16.3200, 12.6080



138.8310, 19.3490, -3.7470



134.0420, -18.1540, -12.4100

Rectangle

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



137.0760, -23.5210, 2.2630



141.0790, -1.2400, 11.4640



138.8310, 19.3490, -3.7470



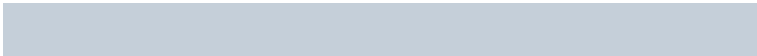
136.6220, 0.6440, -11.6760

Sweetspot

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



137.0760, -23.5210, 2.2630



205.1500, -9.1700, 0.9900



148.7870, -22.0500, -18.8980



102.8900, -5.5020, 0.5940



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.0760, -23.5210, 2.2630



169.6000, -36.6800, 3.9600



122.4010, -16.6460, 15.3380



79.2600, -3.6680, 0.3960



60.8970, -68.1330, 6.8030



8.1500, -9.1700, 0.9900

Inverse Universe

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



134.2130, 22.0500, 18.8980



165.4800, 34.8400, 29.4000



160.5990, 16.6460, -15.3380



78.8480, 3.4840, 2.9400



52.8020, 64.1330, 54.7010



7.1200, 8.7100, 7.3500

Previews

White Background



This preview shows how the YIQ color 137.0760, -23.5210, 2.2630 looks on a white background.

Color Contrast Check

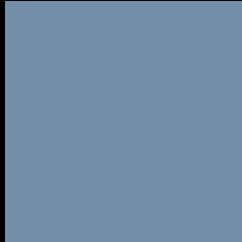
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.0760, -23.5210, 2.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

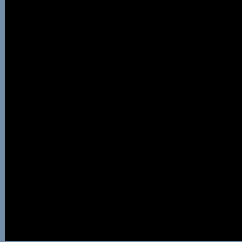
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

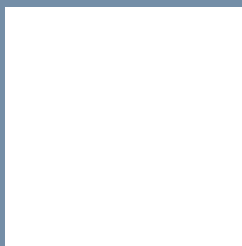
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.0760, -23.5210, 2.2630

Background



This preview shows how black text looks on a background with the YIQ color 137.0760, -23.5210, 2.2630.



This preview shows how white text looks on a background with the YIQ color 137.0760, -23.5210,

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

137.0760, -23.5210, 2.2630

Protanopia

139.4690, -11.3260, 7.0260

Deuteranopia

140.2460, -9.0800, 10.3760



Tritanopia

135.9850, -22.0070, -3.1510

Trichromacy



Original Color

137.0760, -23.5210, 2.2630

Protanomaly

138.3760, -15.4980, 5.5420

Deuteranomaly

139.0280, -14.3980, 7.6340

Tritanomaly

136.1530, -22.4200, -1.1720

Monochromacy



Original Color

137.0760, -23.5210, 2.2630

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0360, -8.8490, 0.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.0760, -23.5210, 2.2630 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(116, 142, 167)` looks like.

```
.text, #text, p{  
    color:rgb(116, 142, 167)  
}
```

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(116, 142, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 142, 167) }
```

Border

The CSS property to change the border of an element to YIQ 137.0760, -23.5210, 2.2630 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(116, 142, 167) }
```


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

```
.border{ border-color:rgb(116, 142, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 142, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 142, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 142, 167);  
box-shadow:4px 4px 4px 4px rgb(116, 142,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 137.0760, -23.5210, 2.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 142, 167) }
```

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

```
.background{ background-color: rgb(116,  
142, 167) }
```

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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