

Converting Colors

YIQ(129.6140, 3.1220, -23.5500)

Have a look what the booklet for
YIQ(129.6140, 3.1220, -23.5500)
contains.

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Color

**YIQ(129.6140, 3.1220,
-23.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	769056
RGB	118, 144, 86
RGB Percent	46%, 56%, 34%
CMY	0.5374, 0.4352, 0.6627
CMYK	0.18, 0.00, 0.40, 0.44
HSL	87°, 25%, 45%
HSV	87°, 40%, 56%
XYZ	19.1230, 24.4717, 12.5228
YIQ	129.6140, 3.1220, -23.5500

Conversions

Conversions Part 2

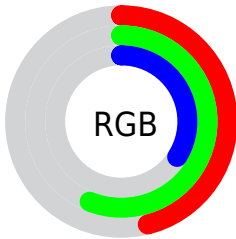
Format	Color
R_{YB}	86, 144, 112
Decimal	7770198
CIE _{Lab}	56.56, -19.76, 27.84
CIE _{LCh}	57, 34.138, 125.373
Yxy	24.4717, 0.3408, 0.4361
Android (android.graphics.Color)	4285960278 (0xFF769056)
YUV	129.6140, -21.5017, -10.1855
Hunter-Lab	49.4689, -17.5684, 19.6192

Details

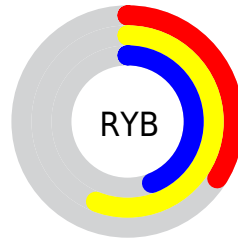
The YIQ color **129.6140, 3.1220, -23.5500** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **100.3860, -3.1220, 23.5500**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.9730, 3.4890, -24.6950**, and **79.9560, 2.1590, -22.6170** is the 20% darker color. If you saturate the color by 10%, you get **126.2240, 4.0400, -29.1760**, and if you desaturate by 10%, it is **133.0040, 2.2040, -17.9240**.

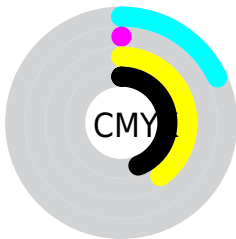
Distribution



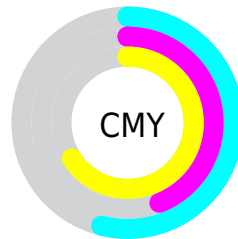
- Red (46%)
- Green (56%)
- Blue (34%)



- Red (34%)
- Yellow (56%)
- Blue (44%)



- Cyan (18%)
- Magenta (0%)
- Yellow (40%)
- Black (44%)




- Cyan (54%)
- Magenta (44%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.6140, 3.1220, -23.5500 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 129.6140, 3.1220, -23.5500 by changing the saturation by 10% instead.


 129.6140, 3.1220,
-23.5500

 129.6140, 3.1220,
-23.5500


255.0000, -0.0000,
-0.0000


 104.1410, 3.0760,
-22.7160

 182.9730, 3.4890,
-24.6950


 79.9560, 2.1590,
-22.6170


 210.7450, 4.1310,
-25.3170


 56.3690, 2.4340,
-22.0940

 239.2180, 4.1770,
-26.1510

 34.7650, 1.3790,
-19.4930

 250.7820, 11.8770,
-11.5070

 16.4360, -7.7000,
-14.6440

 254.0880, 2.5680,
-2.4880

 0.0000, 0.0000,
0.0000

■ 129.6140, 3.1220,
-23.5500

■ 129.6140, 3.1220,
-23.5500

■ 126.2240, 4.0400,
-29.1760

■ 133.0040, 2.2040,
-17.9240

■ 122.4210, 4.6830,
-35.3250

■ 136.8070, 1.5610,
-11.7750

■ 119.0310, 5.6010,
-40.9510

■ 140.1970, 0.6430,
-6.1490

■ 115.2280, 6.2440,
-47.1000

■ 144.0000, -0.0000,
0.0000

■ 111.8380, 7.1620,
-52.7260

■ 147.3900, -0.9180,
5.6260

■ 108.1490, 7.4840,
-58.5640

■ 151.0790, -1.2400,
11.4640

■ 154.5830, -2.4790,
17.4010

■ 158.2720, -2.8010,

23.2390

■ 161.7760, -4.0400,
29.1760

Harmonies

Analogous

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



133.3460, 27.6040, -15.6920



129.6140, 3.1220, -23.5500



124.2220, -28.0090, -26.5450

Triad

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



129.6140, 3.1220, -23.5500



118.6210, -76.7040, -8.5760



138.0860, 41.5810, 22.8690

Complementary

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



129.6140, 3.1220, -23.5500



100.3860, -3.1220, 23.5500

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.



139.3690, 21.9110, 26.9270



129.6140, 3.1220, -23.5500



132.5490, -40.6700, 10.1940

Square

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



129.6140, 3.1220, -23.5500



107.3160, -95.4990, -25.8910



138.5920, -6.6980, 22.2780



136.9430, 48.8730, 11.8570

Rectangle

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



129.6140, 3.1220, -23.5500



118.7060, -52.8590, -27.7310



138.5920, -6.6980, 22.2780



138.9160, 36.3080, 24.8200

Sweetspot

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



129.6140, 3.1220, -23.5500



180.5020, 1.1020, -8.9620



118.0170, 27.6930, -0.7790



90.7240, 0.5970, -5.3150



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.



129.6140, 3.1220, -23.5500



163.8940, 4.7290, -36.1590



121.2420, -13.5660, -29.4860



69.3050, 0.4590, -2.8130



101.3710, 6.9790, -54.9170



5.8920, 0.1840, -3.3360

Inverse Universe

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



100.3860, -3.1220, 23.5500



119.1060, -4.7290, 36.1590



108.7580, 13.5660, 29.4860



65.6950, -0.4590, 2.8130



33.6290, -6.9790, 54.9170



1.8090, -0.7800, 3.1240

Previews

White Background



This preview shows how the YIQ color 129.6140, 3.1220, -23.5500 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 129.6140, 3.1220, -23.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

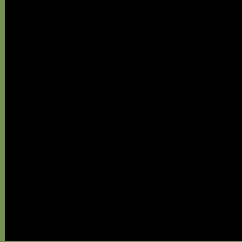
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.6140, 3.1220, -23.5500

Background



This preview shows how black text looks on a background with the YIQ color 129.6140, 3.1220, -23.5500.



This preview shows how white text looks on a background with the YIQ color 129.6140, 3.1220, -23.5500.

-23.5500.

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

129.6140, 3.1220, -23.5500

Protanopia

132.9590, 24.4400, -13.4160

Deuteranopia

134.3070, 32.5080, -5.4440



Tritanopia

135.2640, -9.4910, 1.3010

Trichromacy



Original Color

129.6140, 3.1220, -23.5500

Protanomaly

131.5450, 16.7380, -17.0060

Deuteranomaly

132.3440, 21.9180, -11.7620

Tritanomaly

133.5060, -4.7210, -8.0570

Monochromacy



Original Color

129.6140, 3.1220, -23.5500

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.9150, 1.3770, -8.4390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.6140, 3.1220, -23.5500 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(118, 144, 86)` looks like.

```
.text, #text, p{  
    color:rgb(118, 144, 86)  
}
```

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(118, 144, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 144, 86) }
```

Border

The CSS property to change the border of an element to YIQ 129.6140, 3.1220, -23.5500 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(118, 144, 86) }
```


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

```
.border{ border-color:rgb(118, 144, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 144, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 144, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 144, 86);  
box-shadow:4px 4px 4px 4px rgb(118, 144,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 129.6140, 3.1220, -23.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 144, 86) }
```

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

```
.background{ background-color: rgb(118,  
144, 86) }
```

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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