

Converting Colors

YIQ(146.6140, 3.1220, -23.5500)

Have a look what the booklet for
YIQ(146.6140, 3.1220, -23.5500)
contains.

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Color

**YIQ(146.6140, 3.1220,
-23.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	87A167
RGB	135, 161, 103
RGB Percent	53%, 63%, 40%
CMY	0.4707, 0.3686, 0.5960
CMYK	0.16, 0.00, 0.36, 0.37
HSL	87°, 24%, 52%
HSV	87°, 36%, 63%
XYZ	25.1833, 31.6219, 17.6121
YIQ	146.6140, 3.1220, -23.5500

Conversions

Conversions Part 2

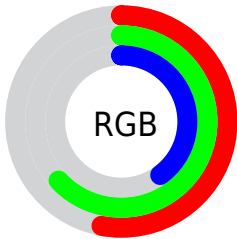
Format	Color
RYB	103, 161, 129
Decimal	8888679
CIELab	63.03, -19.50, 27.29
CIElCh	63, 33.539, 125.556
Yxy	31.6219, 0.3384, 0.4249
Android (android.graphics.Color)	4287078759 (0xFF87A167)
YUV	146.6140, -21.5017, -10.1855
Hunter-Lab	56.2333, -18.4696, 20.7939

Details

The YIQ color **146.6140, 3.1220, -23.5500** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **117.3860, -3.1220, 23.5500**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9730, 3.4890, -24.6950**, and **95.3690, 2.4340, -22.0940** is the 20% darker color. If you saturate the color by 10%, you get **142.6970, 4.0860, -30.0100**, and if you desaturate by 10%, it is **150.5310, 2.1580, -17.0900**.

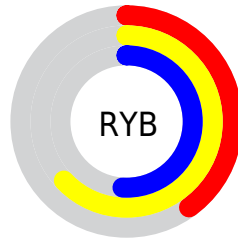
Distribution



Red (53%)

Green (63%)

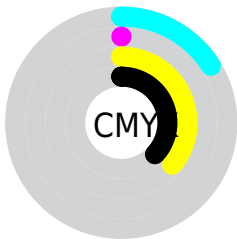
Blue (40%)



Red (40%)

Yellow (63%)

Blue (51%)

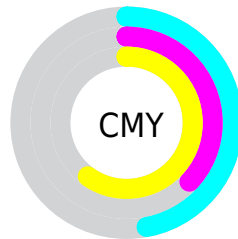


Cyan (16%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (47%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.6140, 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 146.6140, 3.1220, -23.5500 by changing the saturation by 10% instead.

■ 146.6140, 3.1220,
-23.5500

■ 146.6140, 3.1220,
-23.5500

■ 255.0000, -0.0000,
-0.0000

■ 120.7280, 2.8010,
-23.2390

■ 200.9730, 3.4890,
-24.6950

■ 95.3690, 2.4340,
-22.0940

■ 228.8590, 3.8100,
-25.0060

■ 71.4830, 2.1130,
-21.7830

■ 247.0650, 9.4020,
-16.2140

■ 48.4830, 2.1130,
-21.7830

■ 253.0620, 5.4570,
-5.2870

■ 27.3780, -1.7850,
-17.2170

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,

0.0000

■ 146.6140, 3.1220,
-23.5500

■ 146.6140, 3.1220,
-23.5500

■ 142.6970, 4.0860,
-30.0100

■ 150.5310, 2.1580,
-17.0900

■ 138.7800, 5.0500,
-36.4700

■ 154.4480, 1.1940,
-10.6300

■ 134.5640, 5.4180,
-43.1420

■ 158.6640, 0.8260,
-3.9580

■ 130.6470, 6.3820,
-49.6020

■ 162.5810, -0.1380,
2.5020

■ 126.7300, 7.3460,
-56.0620

■ 166.6120, -1.4230,
9.2730

■ 122.6990, 8.6310,
-62.8330

■ 170.5290, -2.3870,
15.7330

■ 121.1180, 8.7690,
-65.3350

■ 174.7450, -2.7550,
22.4050

■ 178.6620, -3.7190,
28.8650

■ 182.5790, -4.6830,
35.3250

Harmonies

Analogous

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



150.3460, 27.6040, -15.6920



146.6140, 3.1220, -23.5500



141.5210, -27.4130, -26.3330

Triad

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



146.6140, 3.1220, -23.5500



139.2090, -69.5520, -6.0320



155.3850, 42.1770, 23.0810

Complementary

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



146.6140, 3.1220, -23.5500



117.3860, -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.



156.6680, 22.5070, 27.1390



146.6140, 3.1220, -23.5500



150.1470, -39.4780, 10.6180

Square

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



146.6140, 3.1220, -23.5500



129.3990, -85.3670, -22.2870



155.5920, -6.6980, 22.2780



153.8290, 49.1940, 11.5460

Rectangle

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



146.6140, 3.1220, -23.5500



137.2010, -49.8790, -26.6710



155.5920, -6.6980, 22.2780



156.2150, 36.9040, 25.0320

Sweetspot

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



146.6140, 3.1220, -23.5500



203.3880, 1.4230, -9.2730



135.0170, 27.6930, -0.7790



101.3110, 0.3220, -5.8380



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



146.6140, 3.1220, -23.5500



186.7800, 5.0500, -36.4700



138.2420, -13.5660, -29.4860



79.7780, 0.5050, -3.6470



109.0350, 7.8050, -58.8750



13.5560, 1.0100, -7.2940

Inverse Universe

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



117.3860, -3.1220, 23.5500



141.5190, -4.4540, 36.6820



125.7580, 13.5660, 29.4860



75.2220, -0.5050, 3.6470



35.9650, -7.8050, 58.8750



4.4440, -1.0100, 7.2940

Previews

White Background



This preview shows how the YIQ color 146.6140, 3.1220, -23.5500 looks on a white background.

Color Contrast Check

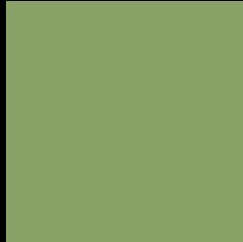
Large Text (above 18pt) WCAG AA × Fail

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 146.6140, 3.1220, -23.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

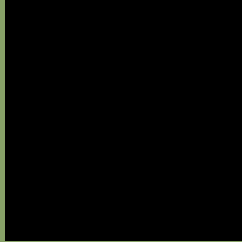
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 146.6140, 3.1220, -23.5500

Background



This preview shows how black text looks on a background with the YIQ color 146.6140, 3.1220, -23.5500.



This preview shows how white text looks on a background with the YIQ color 146.6140, 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

146.6140, 3.1220, -23.5500

Protanopia

149.8450, 24.7610, -13.7270

Deuteranopia

151.9050, 33.7000, -5.0200



Tritanopia

151.7910, -9.5370, 2.1350

Trichromacy



Original Color

146.6140, 3.1220, -23.5500

Protanomaly

148.4310, 17.0590, -17.3170

Deuteranomaly

149.6430, 22.5140, -11.5500

Tritanomaly

150.0330, -4.7670, -7.2230

Monochromacy



Original Color

146.6140, 3.1220, -23.5500

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.9150, 1.3770, -8.4390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.6140, 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(135, 161, 103)` looks like.

```
.text, #text, p{  
    color:rgb(135, 161, 103)  
}
```

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(135, 161, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 161, 103) }
```

Border

The CSS property to change the border of an element to YIQ 146.6140, 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(135, 161, 103) }
```


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

```
.border{ border-color:rgb(135, 161, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 161, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 161, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 161, 103);  
box-shadow:4px 4px 4px 4px rgb(135, 161,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 146.6140, 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(135, 161, 103) }
```

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

```
.background{ background-color: rgb(135,  
161, 103) }
```

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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