

Converting Colors

YIQ(146.1530, 3.9430, 0.1270)

Have a look what the booklet for
YIQ(146.1530, 3.9430, 0.1270)
contains.

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Color

**YIQ(146.1530, 3.9430,
0.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	96918E
RGB	150, 145, 142
RGB Percent	59%, 57%, 56%
CMY	0.4118, 0.4314, 0.4431
CMYK	0.00, 0.03, 0.05, 0.41
HSL	22°, 4%, 57%
HSV	22°, 5%, 59%
XYZ	27.5861, 28.6876, 29.6763
YIQ	146.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

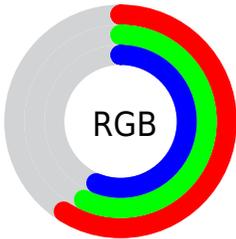
Format	Color
R_{YB}	150, 147, 142
Decimal	9867662
CIE Lab	60.50, 1.28, 2.23
CIE LCh	61, 2.575, 60.127
Yxy	28.6876, 0.3210, 0.3338
Android (android.graphics.Color)	4288057742 (0xFF96918E)
YUV	146.1530, -2.0474, 3.3738
Hunter-Lab	53.5608, -1.7963, 4.6419

Details

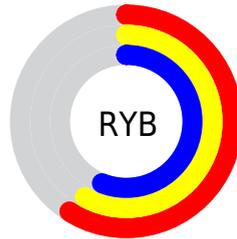
The YIQ color $146.1530, 3.9430, 0.1270$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $145.8470, -3.9430, -0.1270$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $200.1530, 3.9430, 0.1270$, and $95.8540, 3.3470, -0.0850$ is the 20% darker color. If you saturate the color by 10%, you get $139.1600, 11.2330, 0.1690$, and if you desaturate by 10%, it is $153.1460, -3.3470, 0.0850$.

Distribution



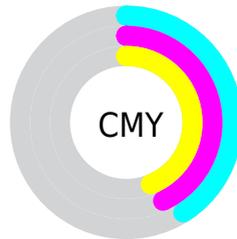
- Red (59%)
- Green (57%)
- Blue (56%)



- Red (59%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.1530, 3.9430, 0.1270 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 146.1530, 3.9430, 0.1270 by changing the saturation by 10% instead.

■ 146.1530, 3.9430,
0.1270

■ 146.1530, 3.9430,
0.1270

■ 255.0000, -0.0000,
-0.0000

■ 120.1530, 3.9430,
0.1270

■ 200.1530, 3.9430,
0.1270

■ 95.8540, 3.3470,
-0.0850

■ 228.1530, 3.9430,
0.1270

■ 71.8540, 3.3470,
-0.0850

■ 254.6580, 0.9630,
-0.9330

■ 49.8540, 3.3470,
-0.0850

■ 28.9680, 3.0260,
0.2260

■ 2.3810, 3.3010,
0.7490

■ 0.0000, 0.0000,

0.0000

■ 146.1530, 3.9430,
0.1270

■ 146.1530, 3.9430,
0.1270

■ 139.1600, 11.2330,
0.1690

■ 153.1460, -3.3470,
0.0850

■ 131.5800, 18.7980,
0.7340

■ 160.7260,
-10.9120, -0.4800

■ 124.5870, 26.0880,
0.7760

■ 167.7190,
-18.2020, -0.5220

■ 117.0070, 33.6530,
1.3410

■ 175.2990,
-25.7670, -1.0870

■ 110.0140, 40.9430,
1.3830

■ 182.2920,
-33.0570, -1.1290

■ 103.0210, 48.2330,
1.4250

■ 189.2850,
-40.3470, -1.1710

■ 95.4410, 55.7980,
1.9900

■ 196.8650,
-47.9120, -1.7360

■ 88.4480, 63.0880,
2.0320

■ 203.0600,
-52.9550, -3.9550

■ 81.4550, 70.3780,
2.0740

■ 208.3430,
-55.4300, -8.6620

Harmonies

Analogous

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



146.6800, 3.8970, 0.9610



146.1530, 3.9430, 0.1270



146.0280, 2.7970, -1.1310

Triad

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



146.1530, 3.9430, 0.1270



145.0920, -3.2550, -1.5830



145.8690, -1.0090, 1.7670

Complementary

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



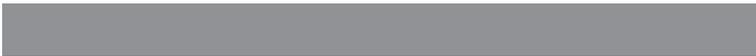
146.1530, 3.9430, 0.1270



145.8470, -3.9430, -0.1270

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.



145.8580, -2.4760, 0.8200



146.1530, 3.9430, 0.1270



145.3200, -3.8970, -0.9610

Square

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



146.1530, 3.9430, 0.1270



145.4620, -1.4210, -1.7810



145.8470, -3.9430, -0.1270



146.5380, 1.4210, 1.7810

Rectangle

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



146.1530, 3.9430, 0.1270



145.5440, 1.2840, -1.2440



145.8470, -3.9430, -0.1270



146.4560, -1.2840, 1.2440

Sweetspot

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



146.1530, 3.9430, 0.1270



191.7830, 2.1090, 0.3250



144.9620, 3.1630, 3.2510



96.1850, 0.9170, -0.0990



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



146.1530, 3.9430, 0.1270



188.5230, 5.7770, -0.0710



148.5010, 2.8430, -1.9650



71.6690, 2.4300, 0.0140



71.7860, 67.9480, 2.0600



5.3380, 4.8600, 0.0280

Inverse Universe

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



145.8470, -3.9430, -0.1270



187.4770, -5.7770, 0.0710



143.4990, -2.8430, 1.9650



71.3310, -2.4300, -0.0140



66.2140, -67.9480, -2.0600



4.6620, -4.8600, -0.0280

Previews

White Background



This preview shows how the YIQ color 146.1530, 3.9430, 0.1270 looks on a white background.

Color Contrast Check

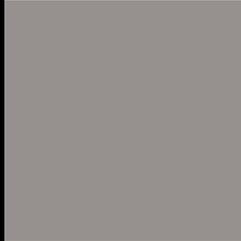
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.1530, 3.9430, 0.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

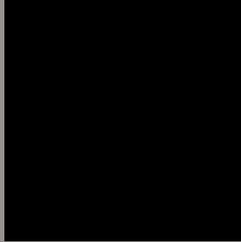
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

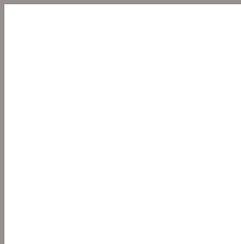
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 146.1530, 3.9430, 0.1270

Background



This preview shows how black text looks on a background with the YIQ color 146.1530, 3.9430, 0.1270.



This preview shows how white text looks on a background with the YIQ color 146.1530, 3.9430,

0.1270.

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

146.1530, 3.9430, 0.1270

Protanopia

145.8540, 3.3470, -0.0850

Deuteranopia

147.2080, 11.2780, 4.8620



Tritanopia

146.9450, 1.8330, 5.3290

Trichromacy



Original Color

146.1530, 3.9430, 0.1270

Protanomaly

145.8540, 3.3470, -0.0850

Deuteranomaly

146.5990, 8.6190, 3.4910

Tritanomaly

146.7770, 2.2460, 3.3500

Monochromacy



Original Color

146.1530, 3.9430, 0.1270

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1530, 3.9430, 0.1270 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(150, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 142)  
}
```

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(150, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 142) }
```

Border

The CSS property to change the border of an element to YIQ 146.1530, 3.9430, 0.1270 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(150, 145, 142) }
```


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

```
.border{ border-color:rgb(150, 145, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 145, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 142);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1530, 3.9430, 0.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 142) }
```

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

```
.background{ background-color: rgb(150,  
145, 142) }
```

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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