

Converting Colors

YIQ(114.6030, -23.5670, 3.0970)

Have a look what the booklet for
YIQ(114.6030, -23.5670, 3.0970)
contains.

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Color

**YIQ(114.6030, -23.5670,
3.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7792
RGB	94, 119, 146
RGB Percent	37%, 47%, 57%
CMY	0.6314, 0.5333, 0.4276
CMYK	0.36, 0.18, 0.00, 0.43
HSL	211°, 22%, 47%
HSV	211°, 36%, 57%
XYZ	16.3991, 17.6497, 29.7246
YIQ	114.6030, -23.5670, 3.0970

Conversions

Conversions Part 2

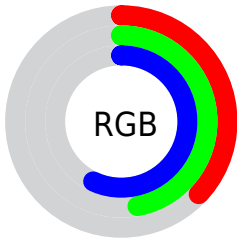
Format	Color
R _Y B	94, 111, 146
Decimal	6190994
CIE Lab	49.07, -2.11, -17.56
CIE LCh	49, 17.682, 263.135
Yxy	17.6497, 0.2571, 0.2768
Android (android.graphics.Color)	4284381074 (0xFF5E7792)
YUV	114.6030, 15.4787, -18.0688
Hunter-Lab	42.0115, -3.8432, -12.5417

Details

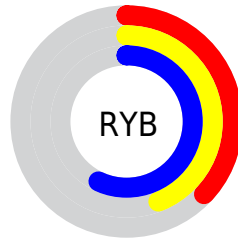
The YIQ color **114.6030, -23.5670, 3.0970** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **125.3970, 23.5670, -3.0970**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8310, -24.2090, 3.7190**, and **65.9620, -23.2000, 1.9520** is the 20% darker color. If you saturate the color by 10%, you get **105.4220, -30.3070, 4.1010**, and if you desaturate by 10%, it is **123.7840, -16.8270, 2.0930**.

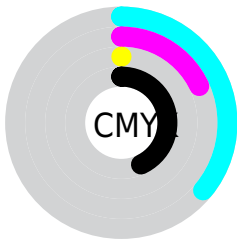
Distribution



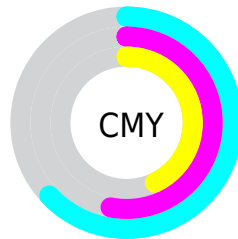
- Red (37%)
- Green (47%)
- Blue (57%)



- Red (37%)
- Yellow (44%)
- Blue (57%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (43%)



- Cyan (63%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.6030, -23.5670, 3.0970 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 114.6030, -23.5670, 3.0970 by changing the saturation by 10% instead.

■ 114.6030,
-23.5670, 3.0970

■ 114.6030,
-23.5670, 3.0970

■ 255.0000, -0.0000,
-0.0000

■ 89.4890, -23.2460,
2.7860

■ 166.8310,
-24.2090, 3.7190

■ 65.9620, -23.2000,
1.9520

■ 193.9450,
-24.5300, 4.0300

■ 42.3640, -24.3920,
1.5280

■ 221.8310,
-24.2090, 3.7190

■ 22.0220, -23.4290,
0.5950

■ 247.2260,
-15.4960, -5.5120

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 114.6030,
-23.5670, 3.0970

■ 114.6030,
-23.5670, 3.0970

■ 105.4220,
-30.3070, 4.1010

■ 123.7840,
-16.8270, 2.0930

■ 97.1270, -36.7260,
4.7940

■ 132.0790,
-10.4080, 1.4000

■ 87.9460, -43.4660,
5.7980

■ 141.2600, -3.6680,
0.3960

■ 79.6510, -49.8850,
6.4910

■ 149.5550, 2.7510,
-0.2970

■ 70.4700, -56.6250,
7.4950

■ 158.7360, 9.4910,
-1.3010

■ 61.8760, -63.6400,
7.9760

■ 167.3300, 16.5060,
-1.7820

■ 57.7340, -66.1160,
8.7960

■ 176.2120, 22.6500,
-2.9980

■ 185.3930, 29.3900,

-4.0020

■ 193.6880, 35.8090,
-4.6950

Harmonies

Analogous

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



111.4830, -32.2770, -4.2530



114.6030, -23.5670, 3.0970



117.7190, -9.0340, 9.5420

Triad

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



114.6030, -23.5670, 3.0970



118.2590, 24.4360, 8.6920



112.6750, -6.8750, -13.0750

Complementary

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



114.6030, -23.5670, 3.0970



125.3970, 23.5670, -3.0970

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.



114.3840, 7.2460, -10.1780



114.6030, -23.5670, 3.0970



117.6300, 24.5290, 1.4970

Square

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



114.6030, -23.5670, 3.0970



119.0720, 17.8330, 12.7210



116.0050, 18.7990, -4.7930



110.9600, -20.8590, -12.9470

Rectangle

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



114.6030, -23.5670, 3.0970



118.9760, 0.5480, 12.1000



116.0050, 18.7990, -4.7930



113.4260, -1.7400, -12.5240

Sweetspot

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



114.6030, -23.5670, 3.0970



176.2640, -9.4910, 1.3010



127.6020, -22.9670, -18.7990



86.8900, -5.5020, 0.5940



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.



114.6030, -23.5670, 3.0970



140.1270, -36.7260, 4.7940



100.2270, -16.0960, 16.3840



69.5590, -3.0720, 0.6080



54.4740, -62.4480, 8.4000



4.0750, -4.5850, 0.4950

Inverse Universe

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



112.3980, 22.9670, 18.7990



136.6650, 35.7570, 29.3010



139.7730, 16.0960, -16.3840



69.4350, 3.2090, 2.4170



48.7860, 61.0620, 49.7820



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 114.6030, -23.5670, 3.0970 looks on a white 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

Black Background



This preview shows how the YIQ color 114.6030, -23.5670, 3.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

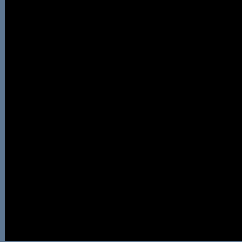
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

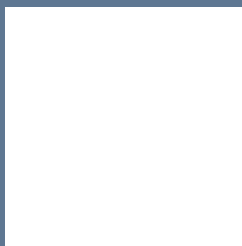
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 114.6030, -23.5670, 3.0970

Background



This preview shows how black text looks on a background with the YIQ color 114.6030, -23.5670, 3.0970.

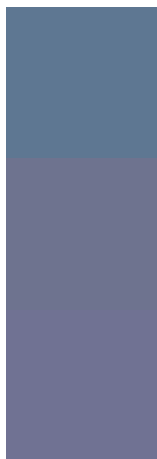


This preview shows how white text looks on a background with the YIQ color 114.6030, -23.5670,

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

114.6030, -23.5670, 3.0970

Protanopia

116.6970, -11.9680, 7.6480

Deuteranopia

117.1640, -11.7850, 9.8390



Tritanopia

113.4580, -21.9610, -3.9850

Trichromacy



Original Color

114.6030, -23.5670, 3.0970

Protanomaly

115.6040, -16.1400, 6.1640

Deuteranomaly

116.2450, -16.5070, 7.3090

Tritanomaly

113.7400, -22.6950, -1.6950

Monochromacy



Original Color

114.6030, -23.5670, 3.0970

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.4490, -8.5740, 1.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.6030, -23.5670, 3.0970 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(94, 119, 146)` looks like.

```
.text, #text, p{  
    color:rgb(94, 119, 146)  
}
```

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(94, 119, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 119, 146) }
```

Border

The CSS property to change the border of an element to YIQ 114.6030, -23.5670, 3.0970 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(94, 119, 146) }
```


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

```
.border{ border-color:rgb(94, 119, 146) }
```

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

Here you see how a box with a 4 pixel rgb(94, 119, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 119, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 119, 146);  
box-shadow:4px 4px 4px 4px rgb(94, 119,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 114.6030, -23.5670, 3.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 119, 146) }
```

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

```
.background{ background-color: rgb(94, 119,  
146) }
```

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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