

Converting Colors

YIQ(114.7050, -23.6140, 9.4580)

Have a look what the booklet for
YIQ(114.7050, -23.6140, 9.4580)
contains.

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Color

**YIQ(114.7050, -23.6140,
9.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	62739D
RGB	98, 115, 157
RGB Percent	38%, 45%, 62%
CMY	0.6157, 0.5490, 0.3844
CMYK	0.38, 0.27, 0.00, 0.38
HSL	223°, 23%, 50%
HSV	223°, 38%, 62%
XYZ	17.2512, 17.2928, 34.3125
YIQ	114.7050, -23.6140, 9.4580

Conversions

Conversions Part 2

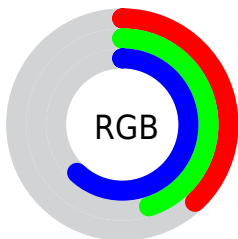
Format	Color
R _Y B	98, 111, 157
Decimal	6452125
CIE Lab	48.63, 4.53, -24.68
CIE LCh	49, 25.087, 280.402
Yxy	17.2928, 0.2505, 0.2511
Android (android.graphics.Color)	4284642205 (0xFF62739D)
YUV	114.7050, 20.8514, -14.6503
Hunter-Lab	41.5846, 1.2769, -19.8124

Details

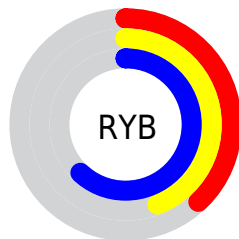
The YIQ color **114.7050, -23.6140, 9.4580** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **140.2950, 23.6140, -9.4580**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3460, -23.9810, 10.6030**, and **65.6510, -23.5220, 7.7900** is the 20% darker color. If you saturate the color by 10%, you get **103.4640, -30.1250, 11.8190**, and if you desaturate by 10%, it is **125.9460, -17.1030, 7.0970**.

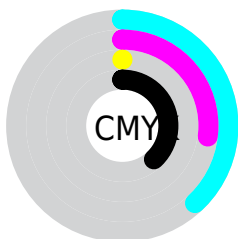
Distribution



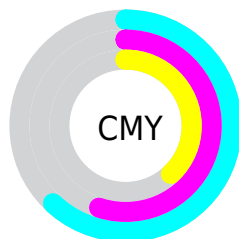
- Red (38%)
- Green (45%)
- Blue (62%)



- Red (38%)
- Yellow (44%)
- Blue (62%)



- Cyan (38%)
- Magenta (27%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7050, -23.6140, 9.4580 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 114.7050, -23.6140, 9.4580 by changing the saturation by 10% instead.

■ 114.7050,
-23.6140, 9.4580

■ 114.7050,
-23.6140, 9.4580

■ 255.0000, -0.0000,
-0.0000

■ 90.1780, -23.5680,
8.6240

■ 167.3460,
-23.9810, 10.6030

■ 65.6510, -23.5220,
7.7900

■ 194.4600,
-24.3020, 10.9140

■ 42.2270, -25.2640,
6.3200

■ 220.9780,
-20.1290, 6.8710

■ 21.2870, -25.4930,
4.9630

■ 245.7860,
-11.1410, -1.8370

■ 5.2780, -12.1060,
10.1500

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,

0.0000

■ 114.7050,
-23.6140, 9.4580

■ 114.7050,
-23.6140, 9.4580

■ 103.4640,
-30.1250, 11.8190

■ 125.9460,
-17.1030, 7.0970

■ 92.5220, -36.0400,
14.3920

■ 136.8880,
-11.1880, 4.5240

■ 81.2810, -42.5510,
16.7530

■ 148.7160, -4.9520,
1.6400

■ 69.4530, -48.7870,
19.6370

■ 159.9570, 1.5590,
-0.7210

■ 58.5110, -54.7020,
22.2100

■ 170.8990, 7.4740,
-3.2940

■ 47.2700, -61.2130,
24.5710

■ 182.1400, 13.9850,
-5.6550

■ 44.3130, -62.7720,
25.2920

■ 193.3810, 20.4960,
-8.0160

■ 204.6220, 27.0070,
-10.3770

■ 216.1510, 32.6470,
-13.4730

Harmonies

Analogous

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



108.7190, -44.5650, -1.8210



114.7050, -23.6140, 9.4580



117.9530, -0.6450, 17.2030

Triad

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



114.7050, -23.6140, 9.4580



116.9520, 35.4860, 6.6700



107.6020, -22.9670, -18.7990

Complementary

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



114.7050, -23.6140, 9.4580



140.2950, 23.6140, -9.4580

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.



110.6770, -1.1890, -17.0050



114.7050, -23.6140, 9.4580



115.1050, 30.2610, -3.2670

Square

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



114.7050, -23.6140, 9.4580



117.4820, 31.3580, 15.4060



113.7780, 17.7000, -12.4120



103.4070, -44.2870, -17.8790

Rectangle

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



114.7050, -23.6140, 9.4580



118.8360, 12.9260, 19.0540



113.7780, 17.7000, -12.4120



108.6090, -15.6770, -18.7570

Sweetspot

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



114.7050, -23.6140, 9.4580



188.0300, -8.7120, 3.7040



137.3070, -29.3860, -18.1060



92.8300, -5.2730, 1.9510



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



114.7050, -23.6140, 9.4580



138.3370, -36.9570, 14.4910



108.3140, -11.7870, 20.8930



73.0860, -3.1180, 1.4420



40.3690, -57.1780, 23.0300



4.0580, -5.9150, 2.5730

Inverse Universe

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



117.5790, 29.7070, 17.7950



142.5860, 46.1650, 27.9010



146.6860, 11.7870, -20.8930



73.6200, 4.1260, 2.3180



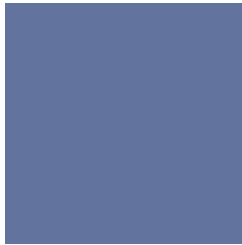
47.4310, 72.0670, 43.0670



4.9410, 7.6560, 4.4240

Previews

White Background



This preview shows how the YIQ color 114.7050, -23.6140, 9.4580 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 114.7050, -23.6140, 9.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

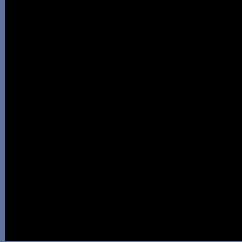
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

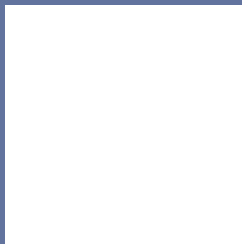
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 114.7050, -23.6140, 9.4580

Background



This preview shows how black text looks on a background with the YIQ color 114.7050, -23.6140, 9.4580.

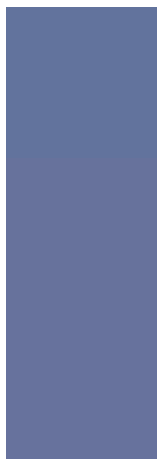


This preview shows how white text looks on a background with the YIQ color 114.7050, -23.6140,

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

114.7050, -23.6140, 9.4580

Protanopia

115.4990, -20.0380, 10.7300

Deuteranopia

115.6130, -20.3590, 11.0410



Tritanopia

112.4690, -20.4940, -3.0380

Trichromacy



Original Color

114.7050, -23.6140, 9.4580

Protanomaly

114.9010, -21.2300, 10.3060

Deuteranomaly

115.0150, -21.5510, 10.6170

Tritanomaly

113.3320, -21.3660, 1.7540

Monochromacy



Original Color

114.7050, -23.6140, 9.4580

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9160, -8.3910, 3.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7050, -23.6140, 9.4580 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(98, 115, 157)` looks like.

```
.text, #text, p{  
    color:rgb(98, 115, 157)  
}
```

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(98, 115, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 115, 157) }
```

Border

The CSS property to change the border of an element to YIQ 114.7050, -23.6140, 9.4580 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(98, 115, 157) }
```


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

```
.border{ border-color:rgb(98, 115, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 115, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 115, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 115, 157);  
box-shadow:4px 4px 4px 4px rgb(98, 115,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7050, -23.6140, 9.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 115, 157) }
```

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

```
.background{ background-color: rgb(98, 115,  
157) }
```

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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