

Converting Colors

YIQ(113.2140, -32.4170, 9.3030)

Have a look what the booklet for
YIQ(113.2140, -32.4170, 9.3030)
contains.

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Color

**YIQ(113.2140, -32.4170,
9.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	5874A5
RGB	88, 116, 165
RGB Percent	35%, 45%, 65%
CMY	0.6549, 0.5450, 0.3531
CMYK	0.47, 0.30, 0.00, 0.35
HSL	218°, 30%, 50%
HSV	218°, 47%, 65%
XYZ	17.0581, 17.2828, 38.0139
YIQ	113.2140, -32.4170, 9.3030

Conversions

Conversions Part 2

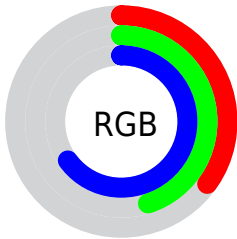
Format	Color
R _Y B	88, 109, 165
Decimal	5797029
CIE Lab	48.61, 3.52, -29.42
CIE LCh	49, 29.634, 276.827
Yxy	17.2828, 0.2358, 0.2389
Android (android.graphics.Color)	4283987109 (0xFF5874A5)
YUV	113.2140, 25.5305, -22.1127
Hunter-Lab	41.5726, 0.4899, -25.1137

Details

The YIQ color **113.2140, -32.4170, 9.3030** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **139.7860, 32.4170, -9.3030**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8550, -32.7840, 10.4480**, and **62.9640, -34.7090, 6.7870** is the 20% darker color. If you saturate the color by 10%, you get **102.2610, -39.7990, 10.9290**, and if you desaturate by 10%, it is **124.4550, -25.9060, 6.9420**.

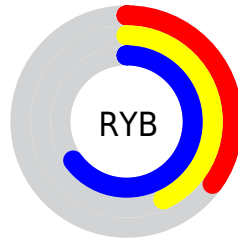
Distribution



 Red (35%)

 Green (45%)

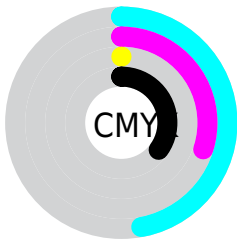
 Blue (65%)




 Red (35%)

 Yellow (43%)

 Blue (65%)

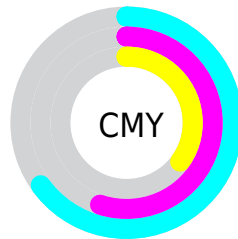


 Cyan (47%)


 Magenta (30%)

 Yellow (0%)

 Black (35%)



 Cyan (65%)

 Magenta (55%)

 Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.2140, -32.4170, 9.3030 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 113.2140, -32.4170, 9.3030 by changing the saturation by 10% instead.

■ 113.2140,
-32.4170, 9.3030

■ 113.2140,
-32.4170, 9.3030

■ 255.0000, -0.0000,
-0.0000

■ 88.2740, -32.6460,
7.9460

■ 165.8550,
-32.7840, 10.4480

■ 62.9640, -34.7090,
6.7870

■ 193.3820,
-32.8300, 11.2820

■ 37.0340, -40.8980,
3.3100

■ 218.8740,
-25.7680, 4.4400

■ 22.5580, -27.6940,
6.3060

■ 243.9810,
-16.1840, -4.0560

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,

0.0000

■ 113.2140,
-32.4170, 9.3030

■ 113.2140,
-32.4170, 9.3030

■ 102.2610,
-39.7990, 10.9290

■ 124.4550,
-25.9060, 6.9420

■ 91.0200, -46.3100,
13.2900

■ 135.4080,
-18.5240, 5.3160

■ 80.3660, -53.0960,
15.1280

■ 146.0620,
-11.7380, 3.4780

■ 68.8260, -60.2030,
17.2770

■ 157.6020, -4.6310,
1.3290

■ 58.1720, -66.9890,
19.1150

■ 168.2560, 2.1550,
-0.5090

■ 54.0300, -69.4650,
19.9350

■ 179.7960, 9.2620,
-2.6580

■ 190.4500, 16.0480,
-4.4960

■ 201.9900, 23.1550,
-6.6450

■ 212.6440, 29.9410,
-8.4830

Harmonies

Analogous

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



102.5150, -61.6660, -5.7780



113.2140, -32.4170, 9.3030



118.2670, -4.4050, 19.2670

Triad

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



113.2140, -32.4170, 9.3030



116.4690, 41.4000, 9.6240



105.7110, -24.8920, -22.4600

Complementary

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



113.2140, -32.4170, 9.3030



139.7860, 32.4170, -9.3030

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.



110.2380, 1.4250, -20.3270



113.2140, -32.4170, 9.3030



115.0410, 36.3130, -2.8150

Square

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



113.2140, -32.4170, 9.3030



117.7430, 35.1170, 18.8690



113.1760, 22.3310, -13.7410



98.1880, -57.0320, -23.6880

Rectangle

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



113.2140, -32.4170, 9.3030



118.6450, 12.1460, 22.1780



113.1760, 22.3310, -13.7410



107.5010, -15.4930, -22.0930

Sweetspot

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



113.2140, -32.4170, 9.3030



193.8770, -12.6550, 3.5770



138.7850, -36.9040, -25.0320



95.1610, -7.7030, 1.9370



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



113.2140, -32.4170, 9.3030



133.5080, -50.6200, 14.3080



99.7680, -18.7570, 26.0670



75.7870, -3.7140, 1.2300



47.6410, -61.1200, 17.3760



5.5740, -7.4280, 2.4600

Inverse Universe

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



114.2150, 36.9040, 25.0320



134.8960, 57.3960, 39.1240



153.2320, 18.7570, -26.0670



76.0330, 4.4010, 2.8410



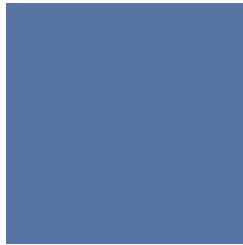
49.3970, 69.4070, 47.2230



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 113.2140, -32.4170, 9.3030 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 113.2140, -32.4170, 9.3030 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

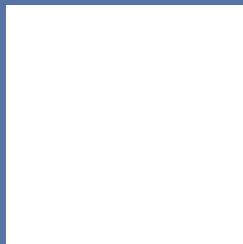
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 113.2140, -32.4170, 9.3030

Background



This preview shows how black text looks on a background with the YIQ color 113.2140, -32.4170, 9.3030.

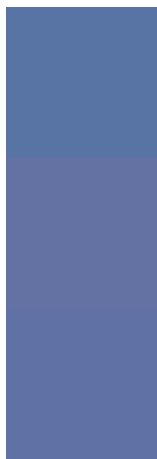


This preview shows how white text looks on a background with the YIQ color 113.2140, -32.4170,

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

113.2140, -32.4170, 9.3030

Protanopia

114.8130, -23.7980, 12.7940

Deuteranopia

114.4320, -27.0990, 12.0450



Tritanopia

109.9840, -29.4340, -6.2180

Trichromacy



Original Color

113.2140, -32.4170, 9.3030

Protanomaly

114.3180, -26.7780, 11.7340

Deuteranomaly

114.1220, -29.1620, 10.8860

Tritanomaly

111.3740, -30.3520, -0.5920

Monochromacy



Original Color

113.2140, -32.4170, 9.3030

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.0620, -11.7380, 3.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.2140, -32.4170, 9.3030 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(88, 116, 165)` looks like.

```
.text, #text, p{  
    color:rgb(88, 116, 165)  
}
```

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(88, 116, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 116, 165) }
```

Border

The CSS property to change the border of an element to YIQ 113.2140, -32.4170, 9.3030 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(88, 116, 165) }
```


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

```
.border{ border-color:rgb(88, 116, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 116, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 116, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 116, 165);  
box-shadow:4px 4px 4px 4px rgb(88, 116,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 113.2140, -32.4170, 9.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 116, 165) }
```

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

```
.background{ background-color: rgb(88, 116,  
165) }
```

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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