

Converting Colors

YIQ(80.1130, -24.9430, 6.0090)

Have a look what the booklet for
YIQ(80.1130, -24.9430, 6.0090)
contains.

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Color

**YIQ(80.1130, -24.9430,
6.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5376
RGB	60, 83, 118
RGB Percent	24%, 33%, 46%
CMY	0.7647, 0.6745, 0.5374
CMYK	0.49, 0.30, 0.00, 0.54
HSL	216°, 33%, 35%
HSV	216°, 49%, 46%
XYZ	8.2251, 8.4556, 18.3281
YIQ	80.1130, -24.9430, 6.0090

Conversions

Conversions Part 2

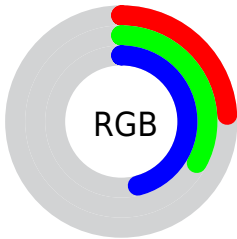
Format	Color
R_{YB}	60, 76, 118
Decimal	3953526
CIE _{Lab}	34.91, 1.70, -22.65
CIE _{LCh}	35, 22.709, 274.294
Yxy	8.4556, 0.2349, 0.2415
Android (android.graphics.Color)	4282143606 (0xFF3C5376)
YUV	80.1130, 18.6783, -17.6391
Hunter-Lab	29.0786, -0.3976, -17.0152

Details

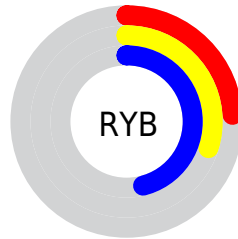
The YIQ color **80.1130, -24.9430, 6.0090** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **97.8870, 24.9430, -6.0090**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **130.0530, -24.7140, 7.3660**, and **32.5530, -29.2980, 2.3340** is the 20% darker color. If you saturate the color by 10%, you get **72.4160, -30.1700, 7.1260**, and if you desaturate by 10%, it is **87.8100, -19.7160, 4.8920**.

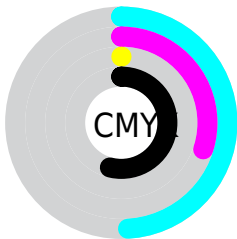
Distribution



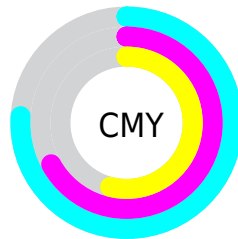
- Red (24%)
- Green (33%)
- Blue (46%)



- Red (24%)
- Yellow (30%)
- Blue (46%)



- Cyan (49%)
- Magenta (30%)
- Yellow (0%)
- Black (54%)



- Cyan (76%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.1130, -24.9430, 6.0090 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 80.1130, -24.9430, 6.0090 by changing the saturation by 10% instead.

■ 80.1130, -24.9430,
6.0090

■ 80.1130, -24.9430,
6.0090

■ 255.0000, -0.0000,
-0.0000

■ 56.2870, -25.4930,
4.9630

■ 130.0530,
-24.7140, 7.3660

■ 32.5530, -29.2980,
2.3340

■ 156.2810,
-25.3560, 7.9880

■ 15.9240, -20.0370,
5.2030

■ 183.3950,
-25.6770, 8.2990

■ 3.5510, -8.6210,
7.5630

■ 211.0960,
-26.2730, 8.0870

■ 0.0000, 0.0000,
0.0000

■ 236.3170,
-17.0100, -0.0980

■ 253.2060, -3.5760,

-1.2720

■ 80.1130, -24.9430,
6.0090

■ 80.1130, -24.9430,
6.0090

■ 72.4160, -30.1700,
7.1260

■ 87.8100, -19.7160,
4.8920

■ 64.7190, -35.3970,
8.2430

■ 95.5070, -14.4890,
3.7750

■ 57.3210, -40.0280,
9.5720

■ 102.9050, -9.8580,
2.4460

■ 49.6240, -45.2550,
10.6890

■ 110.6020, -4.6310,
1.3290

■ 41.3400, -50.2070,
12.3290

■ 118.8860, 0.3210,
-0.3110

■ 41.0410, -50.8030,
12.1170

■ 126.5830, 5.5480,
-1.4280

■ 134.2800, 10.7750,
-2.5450

■ 141.6780, 15.4060,
-3.8740

■ 149.3750, 20.6330,
-4.9910

Harmonies

Analogous

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



72.7250, -44.7020, -4.8460



80.1130, -24.9430, 6.0090



83.6920, -4.4040, 13.7400

Triad

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



80.1130, -24.9430, 6.0090



82.9560, 29.6630, 7.5750



75.3040, -16.1360, -15.9440

Complementary

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



80.1130, -24.9430, 6.0090



97.8870, 24.9430, -6.0090

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.



78.5250, 2.2950, -14.0650



80.1130, -24.9430, 6.0090



82.3050, 26.8220, -1.5140

Square

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



80.1130, -24.9430, 6.0090



84.0190, 25.3520, 14.1200



80.5870, 16.9200, -9.2880



70.7560, -37.9600, -16.9040

Rectangle

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



80.1130, -24.9430, 6.0090



84.5040, 7.9290, 16.0010



80.5870, 16.9200, -9.2880



77.0120, -9.4420, -16.1140

Sweetspot

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



80.1130, -24.9430, 6.0090



137.9050, -9.8580, 2.4460



98.0360, -27.1850, -19.4490



67.5310, -5.8690, 1.7390



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



80.1130, -24.9430, 6.0090



94.3920, -38.7900, 9.1620



68.4060, -15.0420, 19.3100



54.8580, -2.4760, 0.8200



42.6710, -52.6370, 12.3150



86.6130, -107.4750, 25.9730

Inverse Universe

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



79.9640, 27.1850, 19.4490



94.0140, 42.0840, 30.2760



109.5940, 15.0420, -19.3100



55.0220, 2.9340, 1.8940



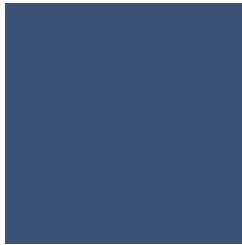
42.0640, 56.9830, 41.1030



86.0360, 117.2210, 83.7890

Previews

White Background



This preview shows how the YIQ color 80.1130, -24.9430, 6.0090 looks on a white background.

Color Contrast Check

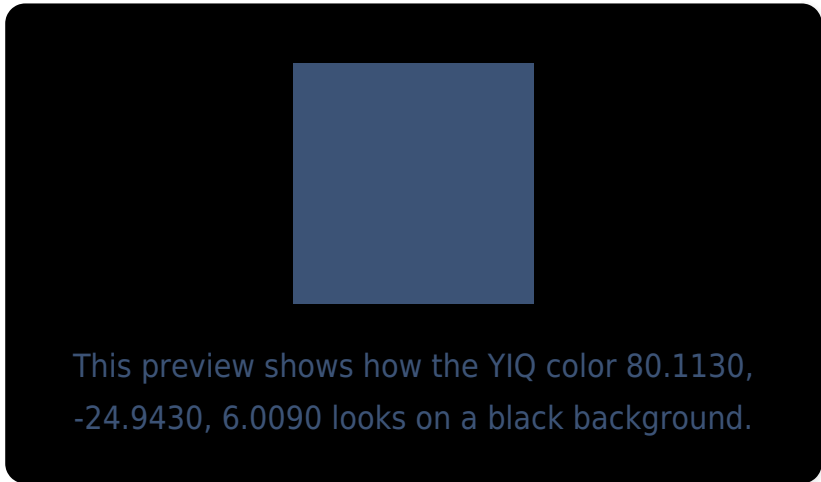
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

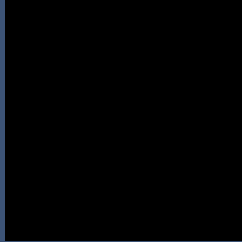
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.1130, -24.9430, 6.0090

Background



This preview shows how black text looks on a background with the YIQ color 80.1130, -24.9430, 6.0090.

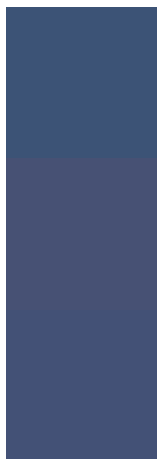


This preview shows how white text looks on a background with the YIQ color 80.1130, -24.9430,

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

80.1130, -24.9430, 6.0090

Protanopia

82.0000, -17.1950, 8.7650

Deuteranopia

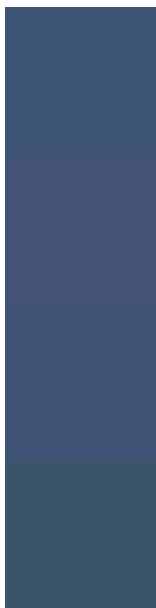
81.0320, -20.2210, 8.5390



Tritanopia

77.7460, -22.8320, -4.7200

Trichromacy



Original Color

80.1130, -24.9430, 6.0090

Protanomaly

81.5050, -20.1750, 7.7050

Deuteranomaly

80.7220, -22.2840, 7.3800

Tritanomaly

78.9680, -23.3370, -1.0730

Monochromacy



Original Color

80.1130, -24.9430, 6.0090

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

80.0900, -8.9410, 2.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.1130, -24.9430, 6.0090 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(60, 83, 118)` looks like.

```
.text, #text, p{  
    color:rgb(60, 83, 118)  
}
```

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(60, 83, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 83, 118) }
```

Border

The CSS property to change the border of an element to YIQ 80.1130, -24.9430, 6.0090 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(60, 83, 118) }
```


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

```
.border{ border-color:rgb(60, 83, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 83, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 83, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 83, 118);  
box-shadow:4px 4px 4px 4px rgb(60, 83,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 80.1130, -24.9430, 6.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 83, 118) }
```

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

```
.background{ background-color: rgb(60, 83,  
118) }
```

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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