

Converting Colors

YIQ(79.3120, -18.6140, -4.0700)

Have a look what the booklet for
YIQ(79.3120, -18.6140, -4.0700)
contains.

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Color

**YIQ(79.3120, -18.6140,
-4.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	3B575D
RGB	59, 87, 93
RGB Percent	23%, 34%, 36%
CMY	0.7687, 0.6588, 0.6354
CMYK	0.37, 0.06, 0.00, 0.64
HSL	191°, 22%, 30%
HSV	191°, 37%, 36%
XYZ	7.1867, 8.5376, 11.6204
YIQ	79.3120, -18.6140, -4.0700

Conversions

Conversions Part 2

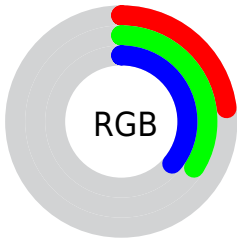
Format	Color
R_{YB}	59, 74, 93
Decimal	3888989
CIE _{Lab}	35.08, -8.73, -6.80
CIE _{LCh}	35, 11.070, 217.908
Yxy	8.5376, 0.2628, 0.3122
Android (android.graphics.Color)	4282079069 (0xFF3B575D)
YUV	79.3120, 6.7482, -17.8136
Hunter-Lab	29.2191, -7.2297, -3.1262

Details

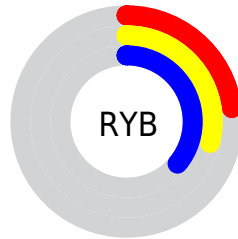
The YIQ color **79.3120, -18.6140, -4.0700** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.6880, 18.6140, 4.0700**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0130, -19.2100, -4.2820**, and **33.8990, -18.8890, -4.5930** is the 20% darker color. If you saturate the color by 10%, you get **75.4470, -23.4280, -4.9320**, and if you desaturate by 10%, it is **83.1770, -13.8000, -3.2080**.

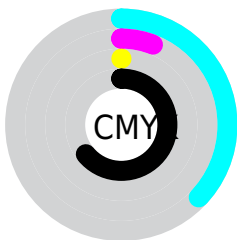
Distribution



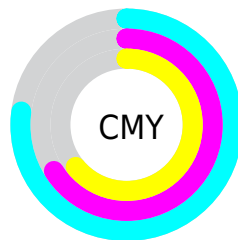
- Red (23%)
- Green (34%)
- Blue (36%)



- Red (23%)
- Yellow (29%)
- Blue (36%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (64%)



- Cyan (77%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.3120, -18.6140, -4.0700 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 79.3120, -18.6140, -4.0700 by changing the saturation by 10% instead.

■ 79.3120, -18.6140,
-4.0700

■ 79.3120, -18.6140,
-4.0700

■ 255.0000, -0.0000,
-0.0000

■ 56.1980, -18.2930,
-4.3810

■ 129.0130,
-19.2100, -4.2820

■ 33.8990, -18.8890,
-4.5930

■ 154.8280,
-20.1270, -4.1830

■ 15.8780, -14.3960,
-3.4200

■ 181.8280,
-20.1270, -4.1830

■ 0.0000, 0.0000,
0.0000

■ 209.5290,
-20.7230, -4.3950

■ 238.2300,
-21.3190, -4.6070

■ 251.7110, -6.5560,

-2.3320

■ 79.3120, -18.6140,
-4.0700

■ 79.3120, -18.6140,
-4.0700

■ 75.4470, -23.4280,
-4.9320

■ 83.1770, -13.8000,
-3.2080

■ 71.8700, -29.1130,
-6.5290

■ 86.7540, -8.1150,
-1.6110

■ 68.0050, -33.9270,
-7.3910

■ 90.6190, -3.3010,
-0.7490

■ 64.1400, -38.7410,
-8.2530

■ 94.4840, 1.5130,
0.1130

■ 60.5630, -44.4260,
-9.8500

■ 97.7620, 6.6020,
1.4980

■ 56.6980, -49.2400,
-10.7120

■ 101.9260, 12.0120,
2.5720

■ 55.8010, -51.0280,
-11.3480

■ 105.2040, 17.1010,
3.9570

■ 109.0690, 21.9150,
4.8190

■ 113.2330, 27.3250,
5.8930

Harmonies

Analogous

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



79.2860, -15.7250, -6.8690



79.3120, -18.6140, -4.0700



80.6160, -16.4140, 0.1140

Triad

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



79.3120, -18.6140, -4.0700



84.0490, 7.4720, 7.7600



82.1440, 8.1620, -4.7500

Complementary

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



79.3120, -18.6140, -4.0700



72.6880, 18.6140, 4.0700

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.



82.8890, 13.4340, -1.1740



79.3120, -18.6140, -4.0700



83.9310, 13.6160, 6.5440

Square

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



79.3120, -18.6140, -4.0700



83.3300, -0.6890, 6.9830



83.3070, 15.3130, 3.3210



80.6700, 0.6890, -6.9830

Rectangle

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



79.3120, -18.6140, -4.0700



81.6490, -12.0130, 2.9550



83.3070, 15.3130, 3.3210



82.4540, 10.2250, -3.5910

Sweetspot

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



79.3120, -18.6140, -4.0700



114.9390, -7.1980, -1.7100



79.6420, -11.2760, -15.9160



58.0210, -4.4930, -1.1730



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



79.3120, -18.6140, -4.0700



98.8700, -29.1130, -6.5290



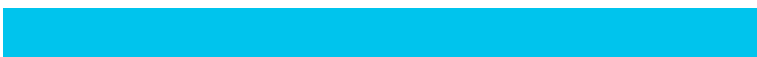
69.3330, -13.9390, 4.8210



43.9180, -2.7050, -0.5370



65.3700, -60.0600, -12.8600



142.0700, -129.9770, -28.8010

Inverse Universe

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



72.3580, 11.2760, 15.9160



87.8630, 17.4640, 24.9200



82.6670, 13.9390, -4.8210



42.9510, 1.6960, 2.3040



43.1500, 36.6700, 51.3100



93.2070, 78.3360, 111.2000

Previews

White Background



This preview shows how the YIQ color 79.3120, -18.6140, -4.0700 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



This preview shows how the YIQ color 79.3120, -18.6140, -4.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

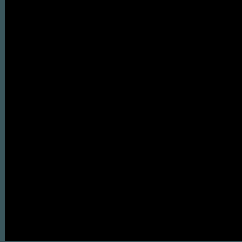
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.3120, -18.6140, -4.0700

Background



This preview shows how black text looks on a background with the YIQ color 79.3120, -18.6140, -4.0700.



This preview shows how white text looks on a background with the YIQ color 79.3120, -18.6140,

-4.0700.

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

79.3120, -18.6140, -4.0700

Protanopia

82.9120, -2.5680, 2.4880

Deuteranopia

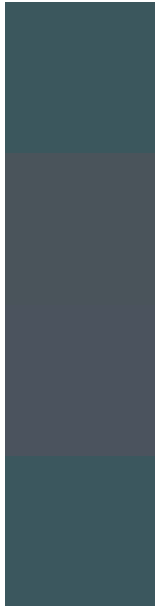
82.7920, -2.1100, 5.2020



Tritanopia

79.4260, -18.9350, -3.7590

Trichromacy



Original Color

79.3120, -18.6140, -4.0700

Protanomaly

81.8080, -8.2070, 0.0570

Deuteranomaly

81.8620, -8.2990, 1.7250

Tritanomaly

79.4260, -18.9350, -3.7590

Monochromacy



Original Color

79.3120, -18.6140, -4.0700

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.2380, -6.6020, -1.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.3120, -18.6140, -4.0700 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(59, 87, 93)` looks like.

```
.text, #text, p{  
    color:rgb(59, 87, 93)  
}
```

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(59, 87, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 87, 93) }
```

Border

The CSS property to change the border of an element to YIQ 79.3120, -18.6140, -4.0700 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(59, 87, 93) }
```


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

```
.border{ border-color:rgb(59, 87, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 87, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 87, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 87, 93);  
box-shadow:4px 4px 4px 4px rgb(59, 87, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.3120, -18.6140, -4.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 87, 93) }
```

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

```
.background{ background-color: rgb(59, 87,  
93) }
```

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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