

Converting Colors

YIQ(79.4320, -19.0720, -6.7840)

Have a look what the booklet for
YIQ(79.4320, -19.0720, -6.7840)
contains.

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Color

**YIQ(79.4320, -19.0720,
-6.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	395959
RGB	57, 89, 89
RGB Percent	22%, 35%, 35%
CMY	0.7765, 0.6509, 0.6511
CMYK	0.36, 0.00, 0.00, 0.65
HSL	180°, 22%, 29%
HSV	180°, 36%, 35%
XYZ	7.0621, 8.7372, 10.7612
YIQ	79.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

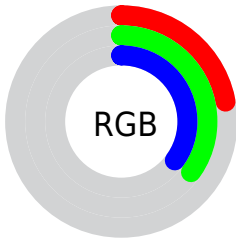
Format	Color
RYB	57, 73, 89
Decimal	3758425
CIELab	35.47, -11.67, -3.72
CIELCh	35, 12.246, 197.694
Yxy	8.7372, 0.2659, 0.3290
Android (android.graphics.Color)	4281948505 (0xFF395959)
YUV	79.4320, 4.7170, -19.6729
Hunter-Lab	29.5588, -9.0812, -0.8940

Details

The YIQ color **79.4320, -19.0720, -6.7840** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.5680, 19.0720, 6.7840**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1330, -19.6680, -6.9960**, and **33.2470, -19.9890, -6.6850** is the 20% darker color. If you saturate the color by 10%, you get **76.7410, -24.4360, -8.6920**, and if you desaturate by 10%, it is **82.1230, -13.7080, -4.8760**.

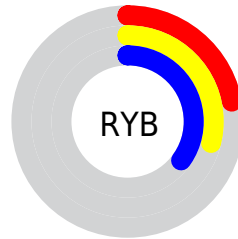
Distribution



Red (22%)

Green (35%)

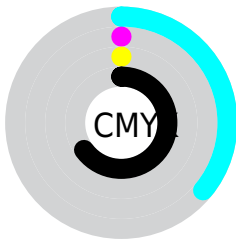
Blue (35%)



Red (22%)

Yellow (29%)

Blue (35%)

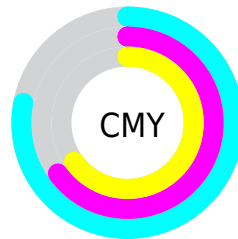


Cyan (36%)

Magenta (0%)

Yellow (0%)

Black (65%)



Cyan (78%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.4320, -19.0720, -6.7840 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 79.4320, -19.0720, -6.7840 by changing the saturation by 10% instead.

■ 79.4320, -19.0720,
-6.7840

■ 79.4320, -19.0720,
-6.7840

■ 255.0000, -0.0000,
-0.0000

■ 56.4320, -19.0720,
-6.7840

■ 129.1330,
-19.6680, -6.9960

■ 33.2470, -19.9890,
-6.6850

■ 154.8340,
-20.2640, -7.2080

■ 16.7100, -13.9830,
-5.3990

■ 182.4210,
-20.5390, -7.7310

■ 0.0000, 0.0000,
0.0000

■ 210.1220,
-21.1350, -7.9430

■ 238.2360,
-21.4560, -7.6320

■ 250.8140, -8.3440,

-2.9680

■ 79.4320, -19.0720,
-6.7840

■ 79.4320, -19.0720,
-6.7840

■ 76.7410, -24.4360,
-8.6920

■ 82.1230, -13.7080,
-4.8760

■ 74.0500, -29.8000,
-10.6000

■ 84.8140, -8.3440,
-2.9680

■ 71.3590, -35.1640,
-12.5080

■ 87.5050, -2.9800,
-1.0600

■ 68.6680, -40.5280,
-14.4160

■ 90.1960, 2.3840,
0.8480

■ 65.9770, -45.8920,
-16.3240

■ 92.5880, 7.1520,
2.5440

■ 63.5850, -50.6600,
-18.0200

■ 95.2790, 12.5160,
4.4520

■ 62.3890, -53.0440,
-18.8680

■ 97.9700, 17.8800,
6.3600

■ 100.6610, 23.2440,
8.2680

■ 103.3520, 28.6080,
10.1760

Harmonies

Analogous

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



80.0860, -12.2860, -8.6220



79.4320, -19.0720, -6.7840



80.1700, -21.0900, -3.2500

Triad

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



79.4320, -19.0720, -6.7840



84.9390, 1.9700, 8.3540



83.3620, 13.4800, -2.0080

Complementary

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



79.4320, -19.0720, -6.7840



66.5680, 19.0720, 6.7840

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.



84.1500, 17.1930, 2.2890



79.4320, -19.0720, -6.7840



85.4300, 10.7730, 8.5090

Square

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



79.4320, -19.0720, -6.7840



83.6820, -7.6120, 5.7960



85.1870, 15.7710, 6.0350



82.7200, 6.4200, -6.2200

Rectangle

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



79.4320, -19.0720, -6.7840



80.8330, -18.5230, -0.2110



85.1870, 15.7710, 6.0350



83.4870, 14.6260, -0.7500

Sweetspot

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



79.4320, -19.0720, -6.7840



111.1130, -7.7480, -2.7560



76.0830, -8.2040, -16.5240



56.6080, -4.7680, -1.6960



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



79.4320, -19.0720, -6.7840



100.0500, -29.8000, -10.6000



70.6270, -14.9470, 1.0610



41.8040, -2.3840, -0.8480



75.0070, -63.7720, -22.6840



164.6210, -139.7390, -50.1310

Inverse Universe

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



66.5680, 19.0720, 6.7840



79.9500, 29.8000, 10.6000



75.3730, 14.9470, -1.0610



40.1960, 2.3840, 0.8480



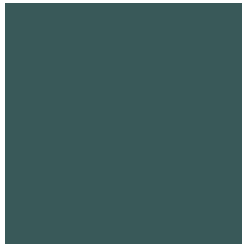
31.9930, 63.7720, 22.6840



70.2650, 140.0600, 49.8200

Previews

White Background



This preview shows how the YIQ color 79.4320, -19.0720, -6.7840 looks on a white background.

Color Contrast Check

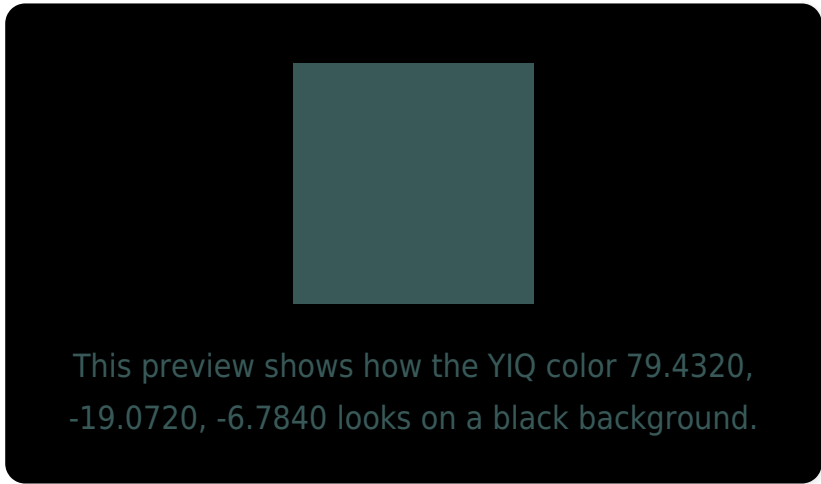
Large Text (above 18pt) WCAG AA ✓ Pass

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

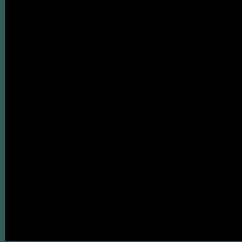
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.4320, -19.0720, -6.7840

Background



This preview shows how black text looks on a background with the YIQ color 79.4320, -19.0720, -6.7840.



This preview shows how white text looks on a background with the YIQ color 79.4320, -19.0720,

-6.7840.

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

79.4320, -19.0720, -6.7840

Protanopia

83.5270, -0.0460, 0.8340

Deuteranopia

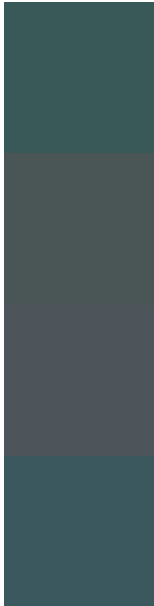
84.2330, 0.9620, 4.5940



Tritanopia

80.1270, -19.5310, -3.9710

Trichromacy



Original Color

79.4320, -19.0720, -6.7840

Protanomaly

81.8250, -6.8770, -2.0210

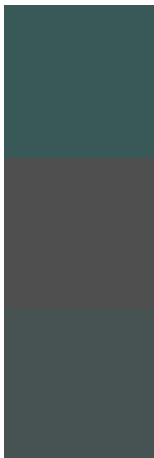
Deuteranomaly

82.5910, -6.0980, 0.3820

Tritanomaly

79.6000, -19.4850, -4.8050

Monochromacy



Original Color

79.4320, -19.0720, -6.7840

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.4120, -7.1520, -2.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.4320, -19.0720, -6.7840 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(57, 89, 89)` looks like.

```
.text, #text, p{  
    color:rgb(57, 89, 89)  
}
```

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(57, 89, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 89, 89) }
```

Border

The CSS property to change the border of an element to YIQ 79.4320, -19.0720, -6.7840 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(57, 89, 89) }
```


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

```
.border{ border-color:rgb(57, 89, 89) }
```

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

Here you see how a box with a 4 pixel rgb(57, 89, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 89, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 89, 89);  
box-shadow:4px 4px 4px 4px rgb(57, 89, 89)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.4320, -19.0720, -6.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 89, 89) }
```

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

```
.background{ background-color: rgb(57, 89,  
89) }
```

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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