

Converting Colors

YIQ(122.3850, -19.7170,
10.4190)

Have a look what the booklet for
YIQ(122.3850, -19.7170, 10.4190)
contains.

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Color

**YIQ(122.3850, -19.7170,
10.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	6E79A2
RGB	110, 121, 162
RGB Percent	43%, 47%, 64%
CMY	0.5686, 0.5255, 0.3648
CMYK	0.32, 0.25, 0.00, 0.36
HSL	227°, 22%, 53%
HSV	227°, 32%, 64%
XYZ	19.7874, 19.5985, 36.9093
YIQ	122.3850, -19.7170, 10.4190

Conversions

Conversions Part 2

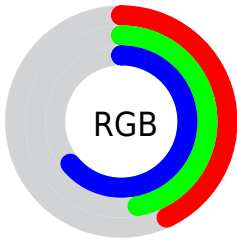
Format	Color
R _Y B	110, 119, 162
Decimal	7240098
CIE Lab	51.38, 5.91, -23.28
CIE LCh	51, 24.016, 284.236
Yxy	19.5985, 0.2594, 0.2569
Android (android.graphics.Color)	4285430178 (0xFF6E79A2)
YUV	122.3850, 19.5302, -10.8616
Hunter-Lab	44.2702, 2.3111, -18.4426

Details

The YIQ color $122.3850, -19.7170, 10.4190$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $149.6150, 19.7170, -10.4190$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $175.0260, -20.0840, 11.5640$, and $73.3310, -19.6250, 8.7510$ is the 20% darker color. If you saturate the color by 10%, you get $109.9700, -25.6780, 13.8260$, and if you desaturate by 10%, it is $134.8000, -13.7560, 7.0120$.

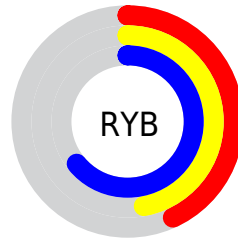
Distribution



Red (43%)

Green (47%)

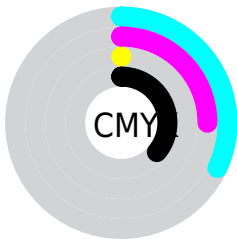
Blue (64%)



Red (43%)

Yellow (47%)

Blue (64%)

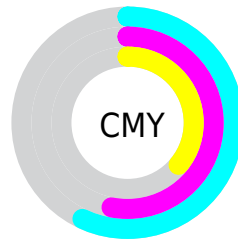


Cyan (32%)

Magenta (25%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.3850, -19.7170, 10.4190 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 122.3850, -19.7170, 10.4190 by changing the saturation by 10% instead.

■ 122.3850,
-19.7170, 10.4190

■ 122.3850,
-19.7170, 10.4190

■ 255.0000, -0.0000,
-0.0000

■ 97.2710, -19.3960,
10.1080

■ 175.0260,
-20.0840, 11.5640

■ 73.3310, -19.6250,
8.7510

■ 202.7270,
-20.6800, 11.3520

■ 49.9180, -19.9000,
8.2280

■ 228.6750,
-14.9020, 5.7540

■ 27.0810, -21.9170,
6.2350

■ 252.6080, -4.7680,
-1.6960

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,

0.0000

■ 122.3850,
-19.7170, 10.4190

■ 122.3850,
-19.7170, 10.4190

■ 109.9700,
-25.6780, 13.8260

■ 134.8000,
-13.7560, 7.0120

■ 97.5550, -31.6390,
17.2330

■ 147.2150, -7.7950,
3.6050

■ 85.4280, -38.4710,
19.9050

■ 159.3420, -0.9630,
0.9330

■ 73.0130, -44.4320,
23.3120

■ 171.7570, 4.9980,
-2.4740

■ 60.5980, -50.3930,
26.7190

■ 184.1720, 10.9590,
-5.8810

■ 48.1830, -56.3540,
30.1260

■ 196.5870, 16.9200,
-9.2880

■ 38.4260, -61.3520,
32.6000

■ 208.4150, 23.1560,
-12.1720

■ 221.1290, 29.7130,
-15.3670

■ 233.2450, 35.0780,
-18.9860

Harmonies

Analogous

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



117.4100, -39.2010, 0.0870



122.3850, -19.7170, 10.4190



125.2090, 1.5100, 16.6940

Triad

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



122.3850, -19.7170, 10.4190



123.8270, 34.3400, 5.4120



114.6450, -24.5260, -18.0780

Complementary

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



122.3850, -19.7170, 10.4190



149.6150, 19.7170, -10.4190

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.



117.8940, -3.2980, -17.3300



122.3850, -19.7170, 10.4190



121.7950, 28.1980, -4.4260

Square

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



122.3850, -19.7170, 10.4190



124.4280, 31.4500, 13.7380



120.1090, 15.2700, -12.4260



111.6460, -43.4620, -16.3100

Rectangle

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



122.3850, -19.7170, 10.4190



125.7930, 14.4850, 18.3330



120.1090, 15.2700, -12.4260



115.6520, -17.2360, -18.0360

Sweetspot

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



122.3850, -19.7170, 10.4190



195.4430, -8.4370, 4.2270



145.1980, -27.4610, -14.4450



97.2430, -4.9980, 2.4740



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.



122.3850, -19.7170, 10.4190



149.0280, -31.5930, 16.3990



120.4130, -7.7520, 19.3520



75.2000, -3.4390, 1.7530



34.7270, -55.0700, 28.8820



4.4000, -6.8780, 3.5060

Inverse Universe

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



126.8020, 27.4610, 14.4450



155.8690, 43.6900, 23.1940



151.5870, 7.7520, -19.3520



75.9190, 4.7220, 2.5300



46.8890, 76.4690, 40.3810



5.8380, 9.4440, 5.0600

Previews

White Background



This preview shows how the YIQ color 122.3850, -19.7170, 10.4190 looks on a white 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

Black Background



This preview shows how the YIQ color 122.3850, -19.7170, 10.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

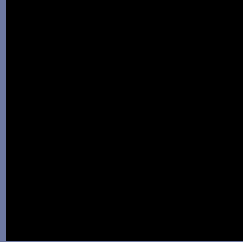
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

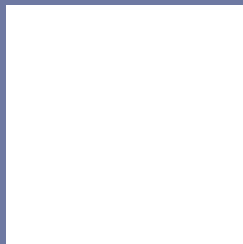
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.3850, -19.7170, 10.4190

Background



This preview shows how black text looks on a background with the YIQ color 122.3850, -19.7170, 10.4190.



This preview shows how white text looks on a background with the YIQ color 122.3850, -19.7170,

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

122.3850, -19.7170, 10.4190

Protanopia

122.6840, -19.1210, 10.6310

Deuteranopia

122.3960, -18.2500, 11.3660



Tritanopia

120.5620, -16.3220, -1.5540

Trichromacy



Original Color

122.3850, -19.7170, 10.4190

Protanomaly

122.6840, -19.1210, 10.6310

Deuteranomaly

122.0970, -18.8460, 11.1540

Tritanomaly

121.0120, -17.4690, 2.7150

Monochromacy



Original Color

122.3850, -19.7170, 10.4190

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.5140, -7.1990, 3.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.3850, -19.7170, 10.4190 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(110, 121, 162)` looks like.

```
.text, #text, p{  
    color:rgb(110, 121, 162)  
}
```

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(110, 121, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 121, 162) }
```

Border

The CSS property to change the border of an element to YIQ 122.3850, -19.7170, 10.4190 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(110, 121, 162) }
```


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

```
.border{ border-color:rgb(110, 121, 162) }
```

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

Here you see how a box with a 4 pixel rgb(110, 121, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 121, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 121, 162);  
box-shadow:4px 4px 4px 4px rgb(110, 121,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 122.3850, -19.7170, 10.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 121, 162) }
```

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

```
.background{ background-color: rgb(110,  
121, 162) }
```

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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