

Converting Colors

YUV(98.6420, 39.6165,
-60.1990)

Have a look what the booklet for
YUV(98.6420, 39.6165, -60.1990)
contains.

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Color

**YUV(98.6420, 39.6165,
-60.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	1E76B3
RGB	30, 118, 179
RGB Percent	12%, 46%, 70%
CMY	0.8824, 0.5373, 0.2980
CMYK	0.83, 0.34, 0.00, 0.30
HSL	205°, 71%, 41%
HSV	205°, 83%, 70%
XYZ	15.1505, 16.4876, 45.0317
YIQ	98.6420, -72.0290, 0.3150

Conversions

Conversions Part 2

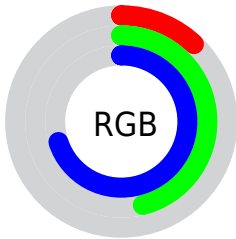
Format	Color
R_{YB}	30, 85, 179
Decimal	1996467
CIE _{Lab}	47.61, -3.07, -39.34
CIE _{LCh}	48, 39.461, 265.539
Yxy	16.4876, 0.1976, 0.2150
Android (android.graphics.Color)	4280186547 (0xFF1E76B3)
YUV	98.6420, 39.6165, -60.1990
Hunter-Lab	40.6049, -4.4564, -37.3305

Details

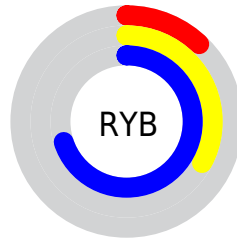
The YUV color **98.6420, 39.6165, -60.1990** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **110.3580, -39.6165, 60.1990**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7790, 38.5630, -48.9182**, and **55.4540, 34.7792, -48.6332** is the 20% darker color. If you saturate the color by 10%, you get **89.1510, 44.2956, -67.6614**, and if you desaturate by 10%, it is **108.1330, 34.9374, -52.7366**.

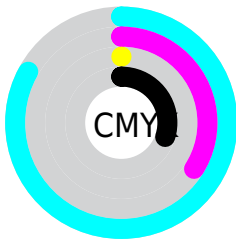
Distribution



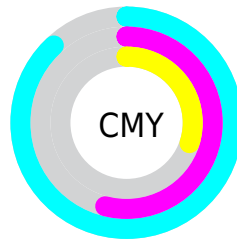
- Red (12%)
- Green (46%)
- Blue (70%)



- Red (12%)
- Yellow (33%)
- Blue (70%)



- Cyan (83%)
- Magenta (34%)
- Yellow (0%)
- Black (30%)



- Cyan (88%)
- Magenta (54%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.6420, 39.6165, -60.1990 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 YUV color 98.6420, 39.6165, -60.1990 by changing the saturation by 10% instead.

■ 98.6420, 39.6165,
-60.1990

■ 98.6420, 39.6165,
-60.1990

■ 255.0000, 0.0000,
0.0000

■ 72.5060, 39.1905,
-63.5878

■ 156.7790, 38.5630,
-48.9182

■ 55.4540, 34.7792,
-48.6332

■ 183.8780, 35.0631,
-46.3740

■ 39.5760, 29.7890,
-34.7082

■ 208.9850, 22.6854,
-42.9598

■ 25.1000, 25.0937,
-22.0127

■ 234.9780, 9.8708,
-39.4457

■ 8.9770, 21.7033,
-7.8728

■ 244.2360, 5.3067,
-22.1320

■ 4.7080, 12.9620,
-4.1289

■ 253.2060, 0.8844,

■ 0.2280, 0.8736,

-3.6887

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 98.6420, 39.6165,
-60.1990

■ 98.6420, 39.6165,
-60.1990

■ 89.1510, 44.2956,
-67.6614

■ 108.1330, 34.9374,
-52.7366

■ 82.6280, 47.5114,
-72.4648

■ 118.2110, 29.9690,
-45.7890

■ 127.7020, 25.2899,
-38.3267

■ 137.1930, 20.6109,
-30.8643

■ 147.2710, 15.6424,
-23.9167

■ 156.4630, 11.1107,
-17.0691

■ 165.9540, 6.4317,
-9.6067

■ 176.0320, 1.4632,
-2.6591

■ 185.5230, -3.2158,
4.8033

Harmonies

Analogous

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



93.0000, 36.4820, -81.5610



98.6420, 39.6165, -60.1990



113.9370, 29.1181, -6.0837

Triad

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



98.6420, 39.6165, -60.1990



112.8990, -13.2612, 53.5856



101.2350, -13.4269, -33.5321

Complementary

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



98.6420, 39.6165, -60.1990



110.3580, -39.6165, 60.1990

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.



107.2360, -28.2173, -2.8380



98.6420, 39.6165, -60.1990



111.8040, -26.0324, 43.1449

Square

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



98.6420, 39.6165, -60.1990



114.5900, 2.1741, 49.4716



109.6630, -32.3719, 23.0975



87.9210, 9.4059, -77.1067

Rectangle

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



98.6420, 39.6165, -60.1990



116.1420, 21.6220, 18.2925



109.6630, -32.3719, 23.0975



103.5200, -18.9904, -22.3810

Sweetspot

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



98.6420, 39.6165, -60.1990



200.5700, 15.4950, -23.3019



124.3030, -16.9114, -82.7037



98.3170, 9.2107, -14.3100



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



98.6420, 39.6165, -60.1990



106.8670, 61.6906, -93.7224



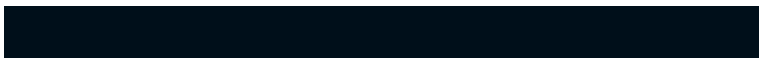
55.7910, 60.7420, -22.6187



84.5480, 2.1948, -3.9886



70.2720, 40.7849, -61.6285



11.7690, 7.0159, -10.3214

Inverse Universe

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



84.5830, 16.4746, 82.8037



84.9860, 25.6429, 128.9313



153.2090, -60.7420, 22.6187



83.3750, 1.2941, 4.9331



56.0070, 16.7585, 85.0629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 98.6420, 39.6165, -60.1990 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 YUV color 98.6420, 39.6165, -60.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

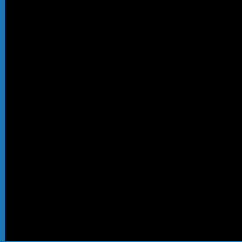
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.6420, 39.6165, -60.1990

Background



This preview shows how black text looks on a background with the YUV color 98.6420, 39.6165, -60.1990.

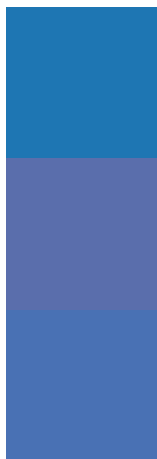


This preview shows how white text looks on a background with the YUV color 98.6420, 39.6165,

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

98.6420, 39.6165, -60.1990

Protanopia

111.0880, 30.0296, -18.4942

Deuteranopia

108.6780, 35.1617, -31.2896



Tritanopia

88.6510, 22.3571, -77.7469

Trichromacy



Original Color

98.6420, 39.6165, -60.1990

Protanomaly

106.6130, 33.7148, -33.8636

Deuteranomaly

105.0680, 36.9415, -42.1556

Tritanomaly

92.0030, 28.5925, -71.0396

Monochromacy



Original Color

98.6420, 39.6165, -60.1990

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9400, 14.3266, -21.8724

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6420, 39.6165, -60.1990 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(30, 118, 179)` looks like.

```
.text, #text, p{  
    color:rgb(30, 118, 179)  
}
```

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(30, 118, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 118, 179) }
```

Border

The CSS property to change the border of an element to YUV 98.6420, 39.6165, -60.1990 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(30, 118, 179) }
```


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

```
.border{ border-color:rgb(30, 118, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 118, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 118, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 118, 179);  
box-shadow:4px 4px 4px 4px rgb(30, 118,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 98.6420, 39.6165, -60.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 118, 179) }
```

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

```
.background{ background-color: rgb(30, 118,  
179) }
```

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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