

Converting Colors

YUV(63.1840, 30.9683,
-39.6264)

Have a look what the booklet for
YUV(63.1840, 30.9683, -39.6264)
contains.

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Color

**YUV(63.1840, 30.9683,
-39.6264)**

Conversions

Conversions Part 1

Format	Color
Hex	124A7E
RGB	18, 74, 126
RGB Percent	7%, 29%, 49%
CMY	0.9294, 0.7098, 0.5059
CMYK	0.86, 0.41, 0.00, 0.51
HSL	209°, 75%, 28%
HSV	209°, 86%, 49%
XYZ	6.4641, 6.5325, 20.6589
YIQ	63.1840, -50.0680, 4.3000

Conversions

Conversions Part 2

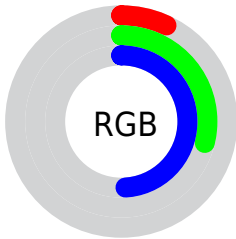
Format	Color
R_{YB}	18, 55, 126
Decimal	1198718
CIE _{Lab}	30.72, 2.72, -34.38
CIE _{LCh}	31, 34.484, 274.527
Yxy	6.5325, 0.1921, 0.1941
Android (android.graphics.Color)	4279388798 (0xFF124A7E)
YUV	63.1840, 30.9683, -39.6264
Hunter-Lab	25.5588, 0.4170, -30.0323

Details

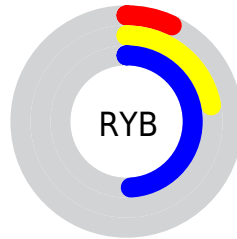
The YUV color **63.1840, 30.9683, -39.6264** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **80.8160, -30.9683, 39.6264**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5380, 30.7938, -30.2898**, and **26.8610, 24.2255, -23.5571** is the 20% darker color. If you saturate the color by 10%, you get **55.7750, 34.6209, -44.5297**, and if you desaturate by 10%, it is **70.5930, 27.3157, -34.7231**.

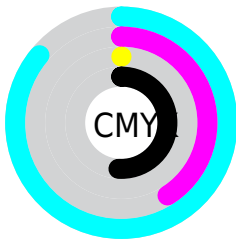
Distribution



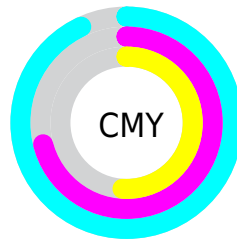
- Red (7%)
- Green (29%)
- Blue (49%)



- Red (7%)
- Yellow (22%)
- Blue (49%)



- Cyan (86%)
- Magenta (41%)
- Yellow (0%)
- Black (51%)



- Cyan (93%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.1840, 30.9683, -39.6264 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 63.1840, 30.9683, -39.6264 by changing the saturation by 10% instead.

■ 63.1840, 30.9683,
-39.6264

■ 63.1840, 30.9683,
-39.6264

■ 255.0000, 0.0000,
0.0000

■ 42.0380, 29.0683,
-36.8673

■ 116.5380, 30.7938,
-30.2898

■ 26.8610, 24.2255,
-23.5571

■ 143.3640, 31.3725,
-29.2602

■ 8.9770, 21.7033,
-7.8728

■ 169.8910, 32.0987,
-28.8454

■ 4.7080, 12.9620,
-4.1289

■ 196.9790, 28.6044,
-28.0456

■ 0.3420, 1.3104,
-0.2999

■ 222.0860, 16.2266,
-24.6314

■ 0.0000, 0.0000,
0.0000

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 63.1840, 30.9683,
-39.6264

■ 63.1840, 30.9683,
-39.6264

■ 55.7750, 34.6209,
-44.5297

■ 70.5930, 27.3157,
-34.7231

■ 52.5190, 36.2261,
-46.0592

■ 77.7030, 23.8104,
-30.4345

■ 85.1120, 20.1578,
-25.5312

■ 92.2220, 16.6526,
-21.2427

■ 99.6310, 12.9999,
-16.3394

■ 107.0400, 9.3473,
-11.4361

■ 114.1500, 5.8420,
-7.1476

■ 122.1460, 1.9000,
-2.7590

■ 129.2560, -1.6052,
1.5295

Harmonies

Analogous

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



61.3410, 29.4119, -53.7961



63.1840, 30.9683, -39.6264



73.9400, 21.2286, 4.4376

Triad

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



63.1840, 30.9683, -39.6264



71.0070, -13.8075, 42.0899



56.5740, -4.2270, -44.3534

Complementary

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



63.1840, 30.9683, -39.6264



80.8160, -30.9683, 39.6264

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.



65.6680, -20.0493, -9.3558



63.1840, 30.9683, -39.6264



70.4110, -23.3736, 30.3346

Square

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



63.1840, 30.9683, -39.6264



71.6340, -1.2986, 43.2940



68.5630, -27.3926, 12.6612



58.5590, 8.5984, -51.3562

Rectangle

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



63.1840, 30.9683, -39.6264



74.6280, 14.4804, 22.2512



68.5630, -27.3926, 12.6612



62.2510, -10.9697, -28.2841

Sweetspot

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



63.1840, 30.9683, -39.6264



138.7020, 11.9789, -15.5247



87.0960, -9.4143, -60.5972



66.5950, 7.5947, -9.2918



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



63.1840, 30.9683, -39.6264



68.4770, 46.5998, -60.0543



32.6600, 46.0166, -12.8568



60.1460, 1.9000, -2.7590



53.3340, 36.8103, -46.7739



0.0000, 0.0000, 0.0000

Inverse Universe

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



56.6760, 8.5407, 60.7971



58.4270, 13.1005, 91.7105



111.3400, -46.0166, 12.8568



59.5490, 0.7153, 3.9035



45.7960, 9.9606, 72.0929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 63.1840, 30.9683, -39.6264 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 YUV color 63.1840, 30.9683, -39.6264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

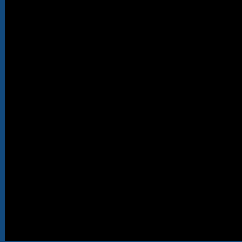
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.1840, 30.9683, -39.6264

Background



This preview shows how black text looks on a background with the YUV color 63.1840, 30.9683, -39.6264.



This preview shows how white text looks on a background with the YUV color 63.1840, 30.9683,

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

63.1840, 30.9683, -39.6264

Protanopia

70.6490, 25.8090, -18.1092

Deuteranopia

65.5870, 29.7836, -32.9638

Trichromacy



Original Color

63.1840, 30.9683, -39.6264

Protanomaly

67.7620, 27.7253, -26.1013

Deuteranomaly

64.3910, 30.3732, -35.4229

Monochromacy



Original Color

63.1840, 30.9683, -39.6264

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1860, 11.2473, -14.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1840, 30.9683, -39.6264 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(18, 74, 126)` looks like.

```
.text, #text, p{  
    color:rgb(18, 74, 126)  
}
```

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(18, 74, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 74, 126) }
```

Border

The CSS property to change the border of an element to YUV 63.1840, 30.9683, -39.6264 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(18, 74, 126) }
```

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

```
.border{ border-color:rgb(18, 74, 126) }
```

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

Here you see how a box with a 4 pixel rgb(18, 74, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 74, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 74, 126);  
box-shadow:4px 4px 4px 4px rgb(18, 74,  
126) }
```


Background

The CSS property to change the background color of an element to YUV 63.1840, 30.9683, -39.6264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 74, 126) }
```

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

```
.background{ background-color: rgb(18, 74,  
126) }
```

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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