

Converting Colors

YUV(24.3960, 39.7378, -5.6093)

Have a look what the booklet for
YUV(24.3960, 39.7378, -5.6093)
contains.

YUV(24.3960, 39.7378, -5.6093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(24.3960, 39.7378,
-5.6093)**

Conversions

Conversions Part 1

Format	Color
Hex	120C69
RGB	18, 12, 105
RGB Percent	7%, 5%, 41%
CMY	0.9294, 0.9529, 0.5882
CMYK	0.83, 0.89, 0.00, 0.59
HSL	244°, 79%, 23%
HSV	244°, 89%, 41%
XYZ	2.9307, 1.4115, 13.4826
YIQ	24.3960, -26.2770, 30.1950

Conversions

Conversions Part 2

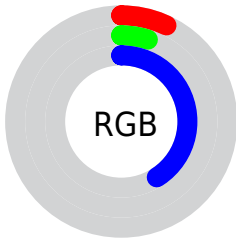
Format	Color
R_{YB}	18, 12, 105
Decimal	1182825
CIE _{Lab}	12.03, 35.95, -51.35
CIE _{LCh}	12, 62.687, 304.998
Yxy	1.4115, 0.1644, 0.0792
Android (android.graphics.Color)	4279372905 (0xFF120C69)
YUV	24.3960, 39.7378, -5.6093
Hunter-Lab	11.8805, 23.2422, -58.9688

Details

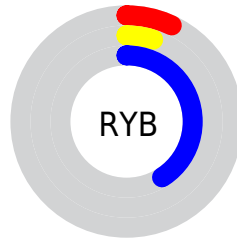
The YUV color **24.3960, 39.7378, -5.6093** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **92.6040, -39.7378, 5.6093**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.2770, 40.2894, 4.1421**, and **8.7320, 23.3031, -7.6580** is the 20% darker color. If you saturate the color by 10%, you get **15.5360, 44.1058, -6.6091**, and if you desaturate by 10%, it is **33.8430, 35.0804, -5.1243**.

Distribution



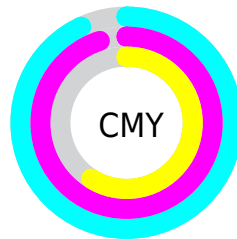
- Red (7%)
- Green (5%)
- Blue (41%)



- Red (7%)
- Yellow (5%)
- Blue (41%)



- Cyan (83%)
- Magenta (89%)
- Yellow (0%)
- Black (59%)



- Cyan (93%)
- Magenta (95%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.3960, 39.7378, -5.6093 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 24.3960, 39.7378, -5.6093 by changing the saturation by 10% instead.

■ 24.3960, 39.7378,
-5.6093

■ 24.3960, 39.7378,
-5.6093

■ 246.7820, 4.0515,
7.2072

■ 9.1200, 34.9438,
-7.9982

■ 75.2770, 40.2894,
4.1421

■ 8.7320, 23.3031,
-7.6580

■ 100.9290, 41.4470,
6.2013

■ 5.0500, 14.2723,
-4.4289

■ 126.2820, 42.7520,
7.6457

■ 0.9120, 3.4944,
-0.7998


■ 153.2220, 43.7676,
8.5753


■ 0.0000, 0.0000,
0.0000


■ 178.6370, 37.6470,
11.7194


■ 203.7440, 25.2692,


15.1335


 228.2640, 13.1808,
19.0625


 24.3960, 39.7378,
-5.6093


 24.3960, 39.7378,
-5.6093


 15.5360, 44.1058,
-6.6091


 33.8430, 35.0804,
-5.1243

 14.0630, 44.8319,
-6.1943

 42.7030, 30.7124,
-4.1245

 51.2640, 26.4918,
-3.7395

 60.7110, 21.8345,
-3.2545

 70.1580, 17.1771,
-2.7696

■ 79.0180, 12.8091,
-1.7698

■ 88.4650, 8.1518,
-1.2848

■ 97.3250, 3.7838,
-0.2850

■ 105.8860, -0.4368,
0.1000

Harmonies

Analogous

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



36.2140, 42.2925, -31.7597



24.3960, 39.7378, -5.6093



32.9820, 17.7569, 44.7428

Triad

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



24.3960, 39.7378, -5.6093



26.2020, -12.9176, 36.6568



31.3340, 3.2863, -27.4799

Complementary

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



24.3960, 39.7378, -5.6093



92.6040, -39.7378, 5.6093

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.



26.4150, -13.0226, -23.1660



24.3960, 39.7378, -5.6093



29.5370, -14.5617, 3.9141

Square

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



24.3960, 39.7378, -5.6093



27.2090, -13.4140, 55.9447



24.6540, -12.1544, -21.6216



37.4100, 21.4899, -32.8086

Rectangle

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



24.3960, 39.7378, -5.6093



33.6770, 3.6102, 55.5343



24.6540, -12.1544, -21.6216



29.6240, -3.2656, -25.9802

Sweetspot

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



24.3960, 39.7378, -5.6093



105.8160, 15.8667, -2.4696



74.2580, 15.1558, -54.6003



49.8070, 9.4621, -1.5847



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



24.3960, 39.7378, -5.6093



18.4230, 58.9515, -8.2640



37.8510, 33.1045, 22.0557



48.9830, 2.4734, 0.0149



15.7300, 49.9261, -6.7792



32.7140, 104.6570, -14.6582

Inverse Universe

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



49.7250, 24.2926, 48.4762



55.9680, 36.0048, 71.9421



79.1490, -33.1045, -22.0557



50.3640, 1.2995, 3.1888



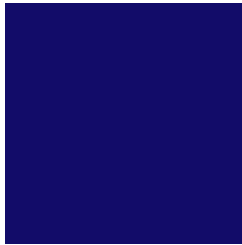
47.5230, 30.8012, 60.9313



99.3610, 63.9120, 127.7254

Previews

White Background



This preview shows how the YUV color 24.3960, 39.7378, -5.6093 looks on a white background.

Color Contrast Check

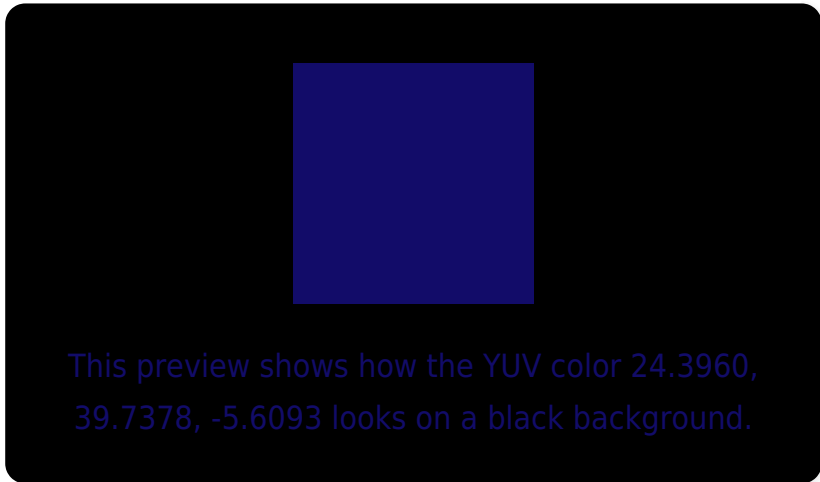
Large Text (above 18pt) WCAG AA ✓ Pass

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

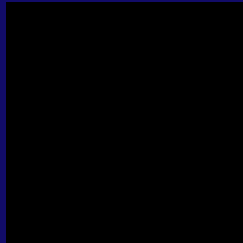
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.3960, 39.7378, -5.6093

Background



This preview shows how black text looks on a background with the YUV color 24.3960, 39.7378, -5.6093.



This preview shows how white text looks on a background with the YUV color 24.3960, 39.7378, -5.6093.

-5.6093.

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

24.3960, 39.7378, -5.6093

Protanopia

27.1230, 20.1524, -23.7869

Deuteranopia

27.1570, 15.2056, -23.8167



Tritanopia

26.7520, 6.0383, -23.4615

Trichromacy



Original Color

24.3960, 39.7378, -5.6093

Protanomaly

26.0020, 27.1140, -16.6648

Deuteranomaly

26.4920, 23.9144, -17.0945

Tritanomaly

26.2980, 18.0941, -16.9243

Monochromacy



Original Color

24.3960, 39.7378, -5.6093

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.3600, 14.1195, -2.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.3960, 39.7378, -5.6093 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, 12, 105)` looks like.

```
.text, #text, p{  
    color:rgb(18, 12, 105)  
}
```

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, 12, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 12, 105) }
```

Border

The CSS property to change the border of an element to YUV 24.3960, 39.7378, -5.6093 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, 12, 105) }
```


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

```
.border{ border-color:rgb(18, 12, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 12, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 12, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 12, 105);  
box-shadow:4px 4px 4px 4px rgb(18, 12,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 24.3960, 39.7378, -5.6093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 12, 105) }
```

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

```
.background{ background-color: rgb(18, 12,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor