

Converting Colors

YUV(21.1960, 39.8364, 9.4751)

Have a look what the booklet for
YUV(21.1960, 39.8364, 9.4751)
contains.

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Color

**YUV(21.1960, 39.8364,
9.4751)**

Conversions

Conversions Part 1

Format	Color
Hex	200066
RGB	32, 0, 102
RGB Percent	13%, 0%, 40%
CMY	0.8745, 1.0000, 0.6000
CMYK	0.69, 1.00, 0.00, 0.60
HSL	259°, 100%, 20%
HSV	259°, 100%, 40%
XYZ	2.9939, 1.2664, 12.6570
YIQ	21.1960, -13.6700, 38.5060

Conversions

Conversions Part 2

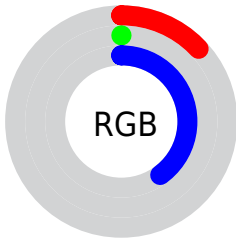
Format	Color
RYB	32, 0, 102
Decimal	2097254
CIELab	11.04, 41.36, -50.99
CIELCh	11, 65.658, 309.049
Yxy	1.2664, 0.1770, 0.0749
Android (android.graphics.Color)	4280287334 (0xFF200066)
YUV	21.1960, 39.8364, 9.4751
Hunter-Lab	11.2534, 27.7961, -58.8079

Details

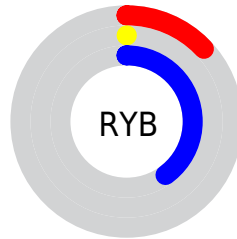
The YUV color **21.1960, 39.8364, 9.4751** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **80.8040, -39.8364, -9.4751**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.9300, 39.9675, 14.0934**, and **7.8030, 22.2821, -6.8432** is the 20% darker color. If you saturate the color by 10%, you get **21.1960, 39.8364, 9.4751**, and if you desaturate by 10%, it is **29.1590, 35.9106, 8.6306**.

Distribution



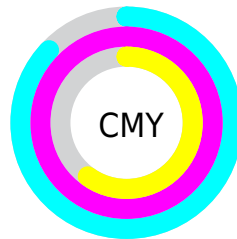
- Red (13%)
- Green (0%)
- Blue (40%)



- Red (13%)
- Yellow (0%)
- Blue (40%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (87%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.1960, 39.8364, 9.4751 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 21.1960, 39.8364, 9.4751 by changing the saturation by 10% instead.

■ 21.1960, 39.8364,
9.4751

■ 21.1960, 39.8364,
9.4751

■ 242.6730, 6.0772,
10.8108

■ 9.0770, 33.4860,
-7.0835

■ 72.9300, 39.9675,
14.0934

■ 7.8030, 22.2821,
-6.8432

■ 98.1690, 40.8357,
15.6378

■ 4.7080, 12.9620,
-4.1289

■ 124.4080, 41.7039,
17.1822

■ 0.3420, 1.3104,
-0.2999

■ 151.3480, 42.7194,
18.1118

■ 0.0000, 0.0000,
0.0000

■ 176.9200, 38.4934,
20.2412

■ 201.4400, 26.4051,

24.1701

■ 225.6500, 14.4696,
25.7400

■ 21.1960, 39.8364,
9.4751

■ 29.1590, 35.9106,
8.6306

■ 37.1220, 31.9849,
7.7860

■ 45.6720, 27.7697,
6.4267

■ 53.6350, 23.8439,
5.5821

■ 61.5980, 19.9182,
4.7376

■ 69.5610, 15.9924,
3.8930

■ 77.5240, 12.0667,
3.0485

■ 86.0740, 7.8515,
1.6891

■ 94.0370, 3.9258,
0.8446

Harmonies

Analogous

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



34.5670, 43.5975, -30.3153



21.1960, 39.8364, 9.4751



33.1950, 14.6939, 47.1870

Triad

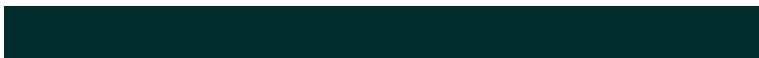
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.1960, 39.8364, 9.4751



25.5820, -12.6119, 31.9386



30.7300, 6.0491, -26.9502

Complementary

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



21.1960, 39.8364, 9.4751



80.8040, -39.8364, -9.4751

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.



25.2410, -12.4438, -22.1364



21.1960, 39.8364, 9.4751



27.1450, -13.3825, -1.0042

Square

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



21.1960, 39.8364, 9.4751



26.0130, -12.8244, 53.4856



24.0670, -11.8650, -21.1068



36.9200, 24.6894, -32.3788

Rectangle

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



21.1960, 39.8364, 9.4751



33.0640, -0.0316, 56.9489



24.0670, -11.8650, -21.1068



28.3190, -0.6503, -24.8358

Sweetspot

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



21.1960, 39.8364, 9.4751



101.1480, 15.7030, 3.3782



53.3050, 24.0066, -46.7485



47.1280, 9.3039, 2.5187



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



21.1960, 39.8364, 9.4751



27.7200, 51.9030, 12.5236



36.1460, 32.4660, 40.2140



47.1680, 1.8892, 0.7297



23.8740, 44.9251, 10.6345



50.3120, 94.5022, 22.5284

Inverse Universe

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



38.4780, 15.5403, 55.7088



50.1410, 20.1435, 72.6673



65.8540, -32.4660, -40.2140



47.8370, 0.5734, 2.7740



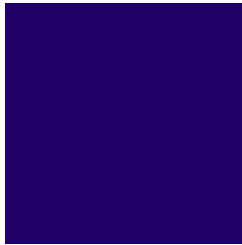
43.3910, 17.5552, 62.8011



91.2820, 36.8360, 132.1797

Previews

White Background



This preview shows how the YUV color 21.1960, 39.8364, 9.4751 looks on a white background.

Color Contrast Check

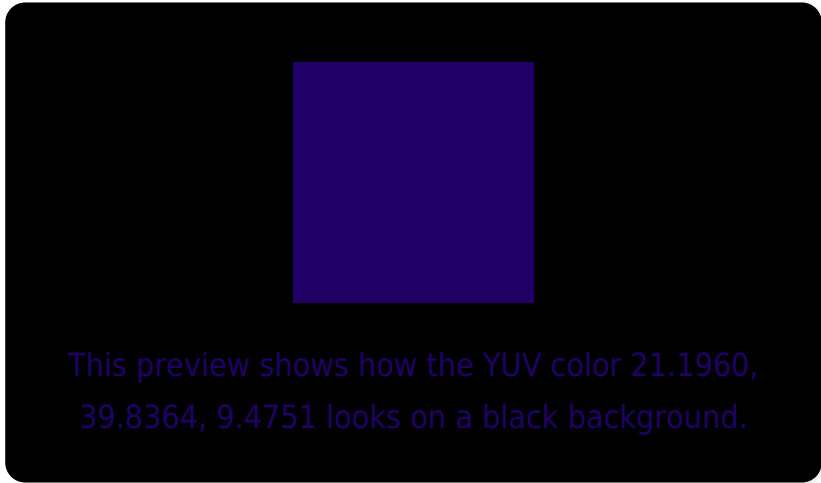
Large Text (above 18pt) WCAG AA ✓ Pass

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

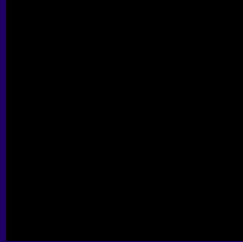
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.1960, 39.8364, 9.4751

Background



This preview shows how black text looks on a background with the YUV color 21.1960, 39.8364, 9.4751.



This preview shows how white text looks on a background with the YUV color 21.1960, 39.8364,

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



Protanopia

27.2370, 20.5892, -23.8868

Deuteranopia

27.2710, 15.6424, -23.9167

Tritanopia

26.8660, 6.4751, -23.5615

Trichromacy



Protanomaly

25.1490, 27.5345, -11.5317

Deuteranomaly

25.0520, 24.6244, -11.4466

Tritanomaly

24.8580, 18.8040, -11.2765

Monochromacy



Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

20.8060, 14.3926, 3.6781

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.1960, 39.8364, 9.4751 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(32, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(32, 0, 102)  
}
```

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(32, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 0, 102) }
```

Border

The CSS property to change the border of an element to YUV 21.1960, 39.8364, 9.4751 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(32, 0, 102) }
```

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

```
.border{ border-color:rgb(32, 0, 102) }
```

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

Here you see how a box with a 4 pixel rgb(32, 0, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(32, 0, 102)  
}
```


Background

The CSS property to change the background color of an element to YUV 21.1960, 39.8364, 9.4751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 0, 102) }
```

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

```
.background{ background-color: rgb(32, 0,  
102) }
```

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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