

Converting Colors

YUV(40.4440, 19.9941,
-19.6834)

Have a look what the booklet for
YUV(40.4440, 19.9941, -19.6834)
contains.

YUV(40.4440, 19.9941, -19.6834)	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(40.4440, 19.9941,
-19.6834)**

Conversions

Conversions Part 1

Format	Color
Hex	122C51
RGB	18, 44, 81
RGB Percent	7%, 17%, 32%
CMY	0.9294, 0.8275, 0.6824
CMYK	0.78, 0.46, 0.00, 0.68
HSL	215°, 64%, 19%
HSV	215°, 78%, 32%
XYZ	2.6353, 2.5240, 8.1329
YIQ	40.4440, -27.3730, 5.9950

Conversions

Conversions Part 2

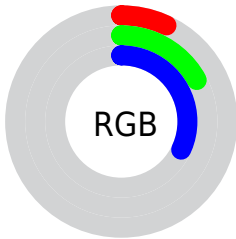
Format	Color
R_YB	18, 36, 81
Decimal	1190993
CIE Lab	18.03, 4.67, -25.56
CIE LCh	18, 25.983, 280.345
Yxy	2.5240, 0.1983, 0.1899
Android (android.graphics.Color)	4279381073 (0xFF122C51)
YUV	40.4440, 19.9941, -19.6834
Hunter-Lab	15.8872, 1.8065, -19.2302

Details

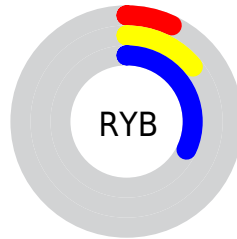
The YUV color **40.4440, 19.9941, -19.6834** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **58.5560, -19.9941, 19.6834**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.1070, 21.1462, -15.8798**, and **5.2780, 15.1459, -4.6288** is the 20% darker color. If you saturate the color by 10%, you get **35.1170, 22.6203, -22.0276**, and if you desaturate by 10%, it is **45.7710, 17.3679, -17.3392**.

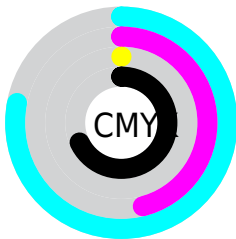
Distribution



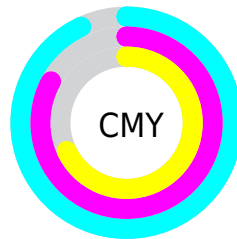
- Red (7%)
- Green (17%)
- Blue (32%)



- Red (7%)
- Yellow (14%)
- Blue (32%)



- Cyan (78%)
- Magenta (46%)
- Yellow (0%)
- Black (68%)



- Cyan (93%)
- Magenta (83%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.4440, 19.9941, -19.6834 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 40.4440, 19.9941, -19.6834 by changing the saturation by 10% instead.

■ 40.4440, 19.9941,
-19.6834

■ 40.4440, 19.9941,
-19.6834

■ 255.0000, 0.0000,
0.0000

■ 20.7000, 18.3889,
-18.1539

■ 88.1070, 21.1462,
-15.8798

■ 5.2780, 15.1459,
-4.6288

■ 113.2210, 21.5830,
-15.9798

■ 1.3680, 5.2416,
-1.1997

■ 138.7480, 22.3092,
-15.5650

■ 0.0000, 0.0000,
0.0000

■ 165.2750, 23.0354,
-15.1502

■ 192.3890, 23.4722,
-15.2502

■ 218.9070, 17.7938,

-13.9504

■ 244.6010, 5.1267,
-11.0511

■ 40.4440, 19.9941,
-19.6834

■ 40.4440, 19.9941,
-19.6834

■ 35.1170, 22.6203,
-22.0276

■ 45.7710, 17.3679,
-17.3392

■ 29.7900, 25.2465,
-24.3718

■ 51.0980, 14.7417,
-14.9949

■ 28.6050, 25.8307,
-25.0866

■ 55.8380, 12.4049,
-12.1359

■ 61.1650, 9.7787,
-9.7917

■ 66.4920, 7.1524,
-7.4475

■ 72.1180, 4.3788,
-4.4885

■ 76.8580, 2.0420,
-1.6295

■ 82.1850, -0.5842,
0.7148

■ 87.5120, -3.2104,
3.0590

Harmonies

Analogous

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



37.7690, 20.3269, -33.1234



40.4440, 19.9941, -19.6834



45.3010, 13.6556, 6.7520

Triad

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



40.4440, 19.9941, -19.6834



43.0160, -10.8539, 28.0500



34.0580, -1.5076, -29.8689

Complementary

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



40.4440, 19.9941, -19.6834



58.5560, -19.9941, 19.6834

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.



38.9050, -12.7712, -10.4407



40.4440, 19.9941, -19.6834



42.4850, -18.9731, 18.8687

Square

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



40.4440, 19.9941, -19.6834



42.9160, -2.4236, 30.7687



40.7670, -20.0981, 6.3433



36.8110, 6.5022, -32.2832

Rectangle

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



40.4440, 19.9941, -19.6834



45.4120, 8.6709, 18.9327



40.7670, -20.0981, 6.3433



35.1680, -5.0128, -25.5803

Sweetspot

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



40.4440, 19.9941, -19.6834



89.0190, 7.8786, -7.0327



59.1990, -2.0701, -36.1315



44.2320, 4.8156, -4.5885



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



40.4440, 19.9941, -19.6834



41.6520, 31.2306, -30.3898



26.6770, 26.7812, -3.2247



38.0430, 1.4578, -0.9147



37.2110, 33.4200, -32.6340



82.8000, 73.5556, -72.6156

Inverse Universe

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



39.8010, 2.0701, 36.1315



40.8620, 3.0260, 56.2490



72.3230, -26.7812, 3.2247



38.3100, -0.1528, 2.3591



36.2970, 3.3046, 60.2525



80.3120, 7.7342, 133.0304

Previews

White Background



This preview shows how the YUV color 40.4440, 19.9941, -19.6834 looks on a white background.

Color Contrast Check

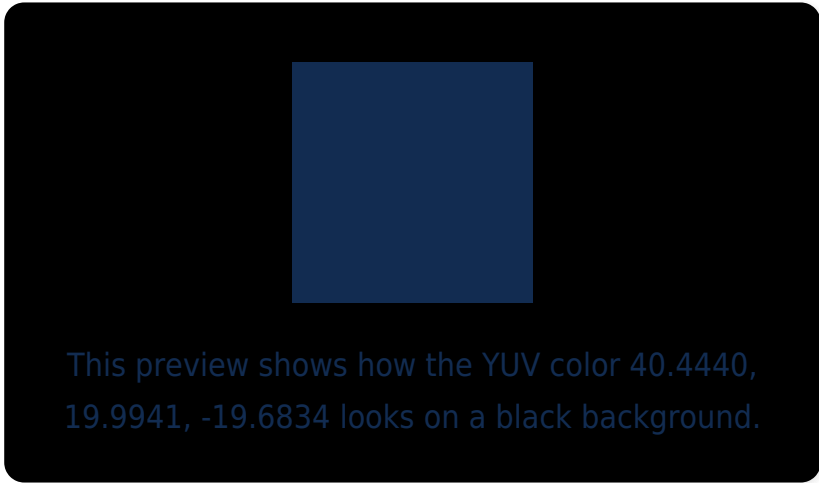
Large Text (above 18pt) WCAG AA ✓ Pass

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

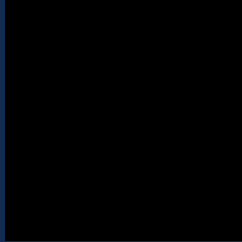
Any Text WCAG AA × Fail

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 40.4440, 19.9941, -19.6834 Background



This preview shows how black text looks on a background with the YUV color 40.4440, 19.9941, -19.6834.



This preview shows how white text looks on a background with the YUV color 40.4440, 19.9941,

-19.6834.

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

40.4440, 19.9941, -19.6834

Protanopia

42.1350, 18.6674, -14.1504

Deuteranopia

35.5350, 21.9212, -31.1642



Tritanopia

34.8050, 8.9701, -30.5240

Trichromacy



Original Color

40.4440, 19.9941, -19.6834

Protanomaly

41.2380, 19.1097, -15.9947

Deuteranomaly

37.6280, 20.8894, -26.8608

Tritanomaly

36.8640, 12.8850, -26.1907

Monochromacy



Original Color

40.4440, 19.9941, -19.6834

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.4440, 19.9941, -19.6834 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, 44, 81)` looks like.

```
.text, #text, p{  
    color:rgb(18, 44, 81)  
}
```

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, 44, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 44, 81) }
```

Border

The CSS property to change the border of an element to YUV 40.4440, 19.9941, -19.6834 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, 44, 81) }
```


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

```
.border{ border-color:rgb(18, 44, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 44, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 44, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 44, 81);  
box-shadow:4px 4px 4px 4px rgb(18, 44, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.4440, 19.9941, -19.6834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 44, 81) }
```

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

```
.background{ background-color: rgb(18, 44,  
81) }
```

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