

Converting Colors

YUV(61.1640, 78.7991, 19.1502)

Have a look what the booklet for
YUV(61.1640, 78.7991, 19.1502)
contains.

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Color

**YUV(61.1640, 78.7991,
19.1502)**

Conversions

Conversions Part 1

Format	Color
Hex	5313DD
RGB	83, 19, 221
RGB Percent	33%, 7%, 87%
CMY	0.6745, 0.9255, 0.1333
CMYK	0.62, 0.91, 0.00, 0.13
HSL	259°, 84%, 47%
HSV	259°, 91%, 87%
XYZ	16.8513, 7.5252, 68.9710
YIQ	61.1640, -26.6980, 76.3900

Conversions

Conversions Part 2

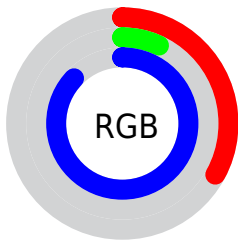
Format	Color
R_{YB}	83, 19, 221
Decimal	5444573
CIE _{Lab}	32.97, 69.80, -87.33
CIE _{LCh}	33, 111.791, 308.633
Yxy	7.5252, 0.1805, 0.0806
Android (android.graphics.Color)	4283634653 (0xFF5313DD)
YUV	61.1640, 78.7991, 19.1502
Hunter-Lab	27.4321, 61.6448, -129.8670

Details

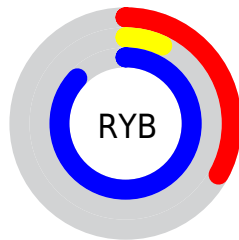
The YUV color **61.1640, 78.7991, 19.1502** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **178.8360, -78.7991, -19.1502**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5810, 66.2686, 24.9235**, and **18.6960, 71.6349, -16.3964** is the 20% darker color. If you saturate the color by 10%, you get **46.1240, 86.2139, 20.9393**, and if you desaturate by 10%, it is **78.5630, 70.2214, 17.0462**.

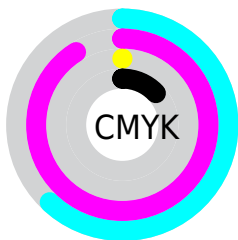
Distribution



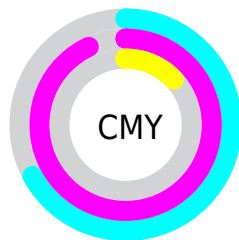
- Red (33%)
- Green (7%)
- Blue (87%)



- Red (33%)
- Yellow (7%)
- Blue (87%)



- Cyan (62%)
- Magenta (91%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (93%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.1640, 78.7991, 19.1502 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 61.1640, 78.7991, 19.1502 by changing the saturation by 10% instead.

61.1640, 78.7991,
19.1502

61.1640, 78.7991,
19.1502

255.0000, 0.0000,
0.0000

34.1470, 77.8215,
6.0101

120.5810, 66.2686,
24.9235

18.6960, 71.6349,
-16.3964

145.6990, 53.8854,
30.0820

15.6180, 59.8413,
-13.6970

170.8170, 41.5022,
35.2405

12.5400, 48.0478,
-10.9976

196.8210, 28.6822,
40.4990

16.7340, 33.6551,
-14.6757

216.8450, 18.8104,
33.4619


10.3620, 24.4715,
-9.0875


233.8680, 10.4181,

5.5060, 16.0195,


18.5328


-4.8288


 250.8910, 2.0257,
3.6036


 2.2970, 6.2626,
-2.0145


 0.0000, 0.0000,
0.0000


 61.1640, 78.7991,
19.1502


 61.1640, 78.7991,
19.1502

 46.1240, 86.2139,
20.9393

 78.5630, 70.2214,
17.0462

 95.9620, 61.6437,
14.9423

 113.3610, 53.0660,
12.8384

 130.7600, 44.4883,
10.7345

■ 148.7460, 35.6212,
8.1158

■ 166.4440, 26.8961,
6.6266

■ 183.8430, 18.3184,
4.5227

■ 201.2420, 9.7407,
2.4188

■ 218.6410, 1.1630,
0.3148

Harmonies

Analogous

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



80.1390, 86.2065, -70.2819



61.1640, 78.7991, 19.1502



73.5250, 34.7442, 103.0256

Triad

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



61.1640, 78.7991, 19.1502



67.7100, -33.3810, 66.9063



72.7900, 14.8935, -63.8368

Complementary

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



61.1640, 78.7991, 19.1502



178.8360, -78.7991, -19.1502

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.



59.8740, -29.5179, -52.5095



61.1640, 78.7991, 19.1502



70.2490, -34.6328, 1.5356

Square

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



61.1640, 78.7991, 19.1502



58.0060, -28.5970, 119.2667



56.9390, -28.0709, -49.9355



84.4690, 52.0268, -74.0793

Rectangle

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



61.1640, 78.7991, 19.1502



73.4910, 6.1669, 122.3494



56.9390, -28.0709, -49.9355



69.1420, 0.9160, -60.6375

Sweetspot

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



61.1640, 78.7991, 19.1502



200.4440, 26.8961, 6.6266



123.0340, 48.2972, -91.2378



95.5610, 15.9924, 3.8930



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



61.1640, 78.7991, 19.1502



53.2890, 99.4435, 24.3025



91.3630, 63.9110, 81.2426



101.1510, 4.3626, 0.7446



36.1670, 67.4587, 16.5165



9.7290, 17.8816, 4.6227

Inverse Universe

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



95.1300, 30.5019, 110.3880



96.0810, 38.4141, 139.3720



148.6370, -63.9110, -81.2426



103.0870, 1.4361, 6.0627



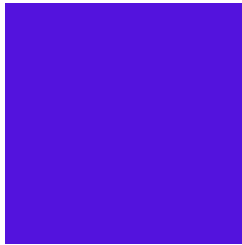
65.1790, 26.0408, 94.5590



17.2880, 6.7600, 25.1804

Previews

White Background



This preview shows how the YUV color 61.1640, 78.7991, 19.1502 looks on a white background.

Color Contrast Check

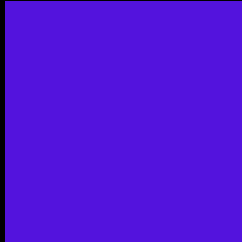
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.1640, 78.7991, 19.1502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

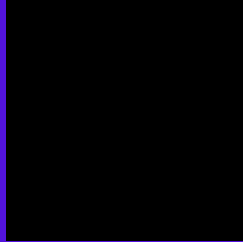
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.1640, 78.7991, 19.1502

Background



This preview shows how black text looks on a background with the YUV color 61.1640, 78.7991, 19.1502.



This preview shows how white text looks on a background with the YUV color 61.1640, 78.7991,

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

61.1640, 78.7991, 19.1502

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.3500, 35.8165, -54.6809



Tritanopia

61.0840, 15.7346, -53.5707

Trichromacy



Original Color

61.1640, 78.7991, 19.1502

Protanomaly

61.8890, 58.7217, -27.9667

Deuteranomaly

61.9400, 51.3016, -28.0114

Tritanomaly

61.3240, 38.7873, -27.4711

Monochromacy



Original Color

61.1640, 78.7991, 19.1502

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1990, 28.4959, 6.8415

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.1640, 78.7991, 19.1502 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(83, 19, 221)` looks like.

```
.text, #text, p{  
    color:rgb(83, 19, 221)  
}
```

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(83, 19, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 19, 221) }
```

Border

The CSS property to change the border of an element to YUV 61.1640, 78.7991, 19.1502 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(83, 19, 221) }
```


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

```
.border{ border-color:rgb(83, 19, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 19, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 19, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 19, 221);  
box-shadow:4px 4px 4px 4px rgb(83, 19,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 61.1640, 78.7991, 19.1502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 19, 221) }
```

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

```
.background{ background-color: rgb(83, 19,  
221) }
```

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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