

Converting Colors

YUV(78.7180, 41.5510, 19.5413)

Have a look what the booklet for
YUV(78.7180, 41.5510, 19.5413)
contains.

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Color

**YUV(78.7180, 41.5510,
19.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	6533A3
RGB	101, 51, 163
RGB Percent	40%, 20%, 64%
CMY	0.6039, 0.8000, 0.3608
CMYK	0.38, 0.69, 0.00, 0.36
HSL	267°, 52%, 42%
HSV	267°, 69%, 64%
XYZ	13.1615, 7.7787, 35.4581
YIQ	78.7180, -6.1520, 45.4320

Conversions

Conversions Part 2

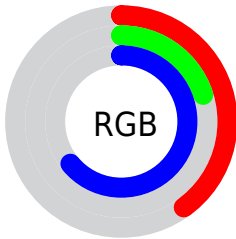
Format	Color
R_{YB}	101, 51, 163
Decimal	6632355
CIE _{Lab}	33.52, 45.24, -52.22
CIE _{LCh}	34, 69.094, 310.901
Yxy	7.7787, 0.2334, 0.1379
Android (android.graphics.Color)	4284822435 (0xFF6533A3)
YUV	78.7180, 41.5510, 19.5413
Hunter-Lab	27.8903, 35.4266, -55.8545

Details

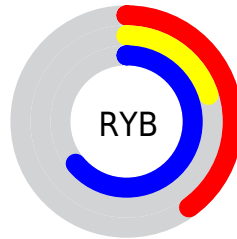
The YUV color **78.7180, 41.5510, 19.5413** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **135.2820, -41.5510, -19.5413**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8970, 43.4348, 22.0153**, and **25.9950, 41.4145, 16.6674** is the 20% darker color. If you saturate the color by 10%, you get **66.6350, 47.5079, 22.2451**, and if you desaturate by 10%, it is **90.8010, 35.5941, 16.8375**.

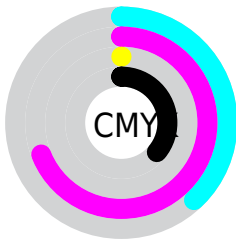
Distribution



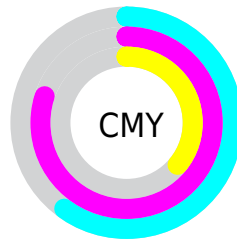
- Red (40%)
- Green (20%)
- Blue (64%)



- Red (40%)
- Yellow (20%)
- Blue (64%)



- Cyan (38%)
- Magenta (69%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (80%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.7180, 41.5510, 19.5413 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 78.7180, 41.5510, 19.5413 by changing the saturation by 10% instead.

■ 78.7180, 41.5510,
19.5413

■ 78.7180, 41.5510,
19.5413

■ 255.0000, 0.0000,
0.0000

■ 52.8920, 40.9722,
18.5117

■ 130.8970, 43.4348,
22.0153

■ 25.9950, 41.4145,
16.6674

■ 158.1360, 44.3030,
23.5597

■ 13.8760, 35.0641,
0.1087

■ 183.4540, 35.2722,
26.7888

■ 6.9540, 26.6447,
-6.0987

■ 207.9740, 23.1838,
30.7178

■ 6.0930, 15.7302,
-5.3436

■ 227.9980, 13.3120,
23.6808

■ 2.2970, 6.2626,
-2.0145

■ 245.0210, 4.9196,

■ 0.0000, 0.0000,

8.7516

0.0000

■ 78.7180, 41.5510,
19.5413

■ 78.7180, 41.5510,
19.5413

■ 66.6350, 47.5079,
22.2451

■ 90.8010, 35.5941,
16.8375

■ 53.9650, 53.7543,
25.4637

■ 103.4710, 29.3478,
13.6189

■ 41.8820, 59.7112,
28.1675

■ 115.5540, 23.3909,
10.9151

■ 40.4090, 60.4374,
28.5823

■ 127.6370, 17.4340,
8.2114

■ 140.3070, 11.1876,
4.9928

■ 152.3900, 5.2307,
2.2890

■ 164.4730, -0.7262,
-0.4148

■ 176.5560, -6.6831,
-3.1186

■ 189.2260,
-12.9294, -6.3372

Harmonies

Analogous

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



68.5060, 59.4035, -60.0798



78.7180, 41.5510, 19.5413



59.5690, 27.8205, 83.6930

Triad

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



78.7180, 41.5510, 19.5413



74.3560, -36.6575, 44.4148



69.8720, 13.8671, -61.2777

Complementary

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



78.7180, 41.5510, 19.5413



135.2820, -41.5510, -19.5413

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.



62.0860, -10.8884, -54.4494



78.7180, 41.5510, 19.5413



72.3420, -35.6646, 5.8391

Square

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



78.7180, 41.5510, 19.5413



60.3130, -27.7623, 84.7945



55.1780, -27.2028, -48.3911



75.8000, 36.5806, -66.4766

Rectangle

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



78.7180, 41.5510, 19.5413



59.6510, 10.0321, 95.8991



55.1780, -27.2028, -48.3911



67.7060, 5.5679, -59.3782

Sweetspot

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



78.7180, 41.5510, 19.5413



178.1100, 16.7078, 7.7965



100.7490, 30.6897, -43.6299



86.6660, 10.0247, 4.6779



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



78.7180, 41.5510, 19.5413



81.1580, 64.5051, 30.5564



95.1630, 33.4436, 53.3540



75.2220, 3.3416, 1.5593



35.9650, 53.7543, 25.4637



4.4440, 6.6831, 3.1186

Inverse Universe

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



91.5560, 10.5719, 62.6564



100.9700, 16.2838, 97.3733



118.8370, -33.4436, -53.3540



76.2610, 0.8573, 5.0331



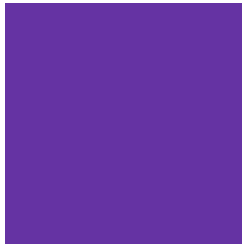
52.4750, 13.5698, 81.1444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 78.7180, 41.5510, 19.5413 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

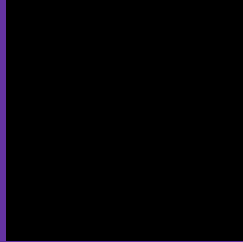
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.7180, 41.5510, 19.5413

Background



This preview shows how black text looks on a background with the YUV color 78.7180, 41.5510, 19.5413.



This preview shows how white text looks on a background with the YUV color 78.7180, 41.5510,

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

78.7180, 41.5510, 19.5413

Protanopia

63.0800, 48.7676, -55.3212

Deuteranopia

63.6210, 38.1478, -55.7956



Tritanopia

79.7770, 1.5889, 3.7036

Trichromacy



Original Color

78.7180, 41.5510, 19.5413

Protanomaly

68.8600, 45.9180, -27.9412

Deuteranomaly

69.1390, 39.3715, -28.1859

Tritanomaly

79.5940, 15.9762, 9.1261

Monochromacy



Original Color

78.7180, 41.5510, 19.5413

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0560, 15.2554, 6.9669

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7180, 41.5510, 19.5413 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(101, 51, 163)` looks like.

```
.text, #text, p{  
    color:rgb(101, 51, 163)  
}
```

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(101, 51, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 51, 163) }
```

Border

The CSS property to change the border of an element to YUV 78.7180, 41.5510, 19.5413 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(101, 51, 163) }
```


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

```
.border{ border-color:rgb(101, 51, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 51, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 51, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 51, 163);  
box-shadow:4px 4px 4px 4px rgb(101, 51,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 78.7180, 41.5510, 19.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 51, 163) }
```

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

```
.background{ background-color: rgb(101, 51,  
163) }
```

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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