

Converting Colors

YUV(61.8700, 20.7701, 11.5150)

Have a look what the booklet for
YUV(61.8700, 20.7701, 11.5150)
contains.

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Color

**YUV(61.8700, 20.7701,
11.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	4B2F68
RGB	75, 47, 104
RGB Percent	29%, 18%, 41%
CMY	0.7059, 0.8157, 0.5922
CMYK	0.28, 0.55, 0.00, 0.59
HSL	269°, 38%, 30%
HSV	269°, 55%, 41%
XYZ	6.4169, 4.5284, 13.6326
YIQ	61.8700, -1.6090, 23.6630

Conversions

Conversions Part 2

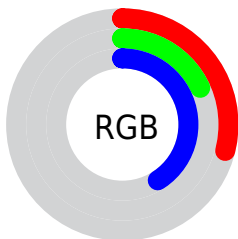
Format	Color
R_{YB}	75, 47, 104
Decimal	4927336
CIE _{Lab}	25.35, 25.38, -28.77
CIE _{LCh}	25, 38.360, 311.416
Yxy	4.5284, 0.2611, 0.1842
Android (android.graphics.Color)	4283117416 (0xFF4B2F68)
YUV	61.8700, 20.7701, 11.5150
Hunter-Lab	21.2799, 16.5858, -23.0869

Details

The YUV color **61.8700, 20.7701, 11.5150** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.1300, -20.7701, -11.5150**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.6360, 22.3645, 13.4742**, and **16.5170, 19.4651, 10.0706** is the 20% darker color. If you saturate the color by 10%, you get **54.5050, 24.4010, 13.5891**, and if you desaturate by 10%, it is **69.2350, 17.1391, 9.4409**.

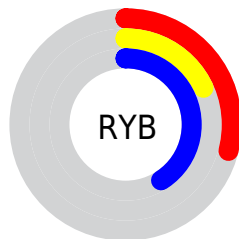
Distribution



Red (29%)

Green (18%)

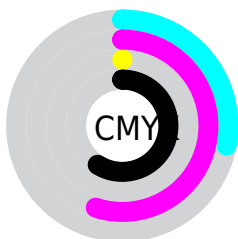
Blue (41%)



Red (29%)

Yellow (18%)

Blue (41%)

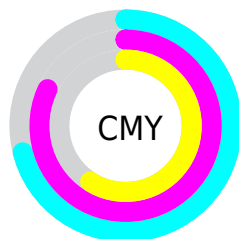


Cyan (28%)

Magenta (55%)

Yellow (0%)

Black (59%)



Cyan (71%)

Magenta (82%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8700, 20.7701, 11.5150 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 61.8700, 20.7701, 11.5150 by changing the saturation by 10% instead.

61.8700, 20.7701,
11.5150

61.8700, 20.7701,
11.5150

255.0000, 0.0000,
0.0000

39.0440, 20.1913,
10.4854

110.6360, 22.3645,
13.4742

16.5170, 19.4651,
10.0706

136.1630, 23.0906,
13.8890

3.8760, 14.8511,
-3.3993

162.5760, 23.3800,
14.4038

1.0260, 3.9312,
-0.8998

190.1030, 24.1062,
14.8187

0.0000, 0.0000,
0.0000

216.4470, 19.0066,
17.1480

238.5640, 8.1029,

14.4144

■ 61.8700, 20.7701,
11.5150

■ 61.8700, 20.7701,
11.5150

■ 54.5050, 24.4010,
13.5891

■ 69.2350, 17.1391,
9.4409

■ 46.2540, 28.4688,
15.5632

■ 77.4860, 13.0714,
7.4668

■ 38.8890, 32.0997,
17.6373

■ 84.8510, 9.4405,
5.3927

■ 30.9370, 36.0201,
20.2263

■ 92.8030, 5.5201,
2.8038

■ 27.1050, 37.9092,
20.9559

■ 100.1680, 1.8892,
0.7297

■ 107.8320, -1.8892,
-0.7297

■ 115.7840, -5.8095,
-3.3186

■ 123.1490, -9.4405,
-5.3927

■ 131.4000,
-13.5082, -7.3668

Harmonies

Analogous

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



49.4550, 33.2997, -40.7410



61.8700, 20.7701, 11.5150



59.1740, 9.7742, 38.4354

Triad

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



61.8700, 20.7701, 11.5150



56.8360, -28.0201, 27.3308



50.9450, 9.8871, -44.6788

Complementary

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



61.8700, 20.7701, 11.5150



89.1300, -20.7701, -11.5150

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.



46.8240, -3.3642, -41.0646



61.8700, 20.7701, 11.5150



55.5300, -27.3763, 7.4282

Square

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



61.8700, 20.7701, 11.5150



56.9100, -16.7176, 42.1749



50.7270, -19.5854, -18.1776



53.4360, 21.9701, -46.8634

Rectangle

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



61.8700, 20.7701, 11.5150



56.7530, 1.6008, 46.6976



50.7270, -19.5854, -18.1776



49.8050, 5.5191, -43.6790

Sweetspot

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



61.8700, 20.7701, 11.5150



119.3840, 7.6987, 4.0482



70.5210, 16.5051, -20.6279



59.2760, 4.7939, 2.3889



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.



61.8700, 20.7701, 11.5150



69.3020, 32.3891, 18.1521



70.2420, 16.6427, 28.7288



47.1680, 1.8892, 0.7297



29.8540, 41.9770, 22.9300



63.1690, 88.1637, 48.9638

Inverse Universe

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



67.3490, 4.2649, 32.1429



77.7410, 6.5367, 50.2161



80.7580, -16.6427, -28.7288



47.7230, 0.1366, 2.8739



40.9970, 8.3825, 64.9006



86.3800, 18.0537, 136.4787

Previews

White Background



This preview shows how the YUV color 61.8700, 20.7701, 11.5150 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 61.8700, 20.7701, 11.5150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

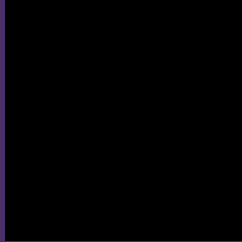
Any Text WCAG AA × Fail

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 61.8700, 20.7701, 11.5150 Background



This preview shows how black text looks on a background with the YUV color 61.8700, 20.7701, 11.5150.



This preview shows how white text looks on a background with the YUV color 61.8700, 20.7701,

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

61.8700, 20.7701, 11.5150

Protanopia

56.2290, 29.4671, -24.7568

Deuteranopia

57.1880, 21.5993, -21.2129



Tritanopia

61.1470, 0.4205, 5.1331

Trichromacy



Original Color

61.8700, 20.7701, 11.5150

Protanomaly

58.5080, 26.3716, -11.8465

Deuteranomaly

58.8520, 21.2720, -9.5172

Tritanomaly

61.4060, 7.6878, 7.5369

Monochromacy



Original Color

61.8700, 20.7701, 11.5150

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2700, 7.2619, 4.1482

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8700, 20.7701, 11.5150 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(75, 47, 104)` looks like.

```
.text, #text, p{  
    color:rgb(75, 47, 104)  
}
```

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(75, 47, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 47, 104) }
```

Border

The CSS property to change the border of an element to YUV 61.8700, 20.7701, 11.5150 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(75, 47, 104) }
```


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

```
.border{ border-color:rgb(75, 47, 104) }
```

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

Here you see how a box with a 4 pixel rgb(75, 47, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 47, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 47, 104);  
box-shadow:4px 4px 4px 4px rgb(75, 47,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 61.8700, 20.7701, 11.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 47, 104) }
```

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

```
.background{ background-color: rgb(75, 47,  
104) }
```

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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