

Converting Colors

YUV(61.2120, 5.3185, 20.8621)

Have a look what the booklet for
YUV(61.2120, 5.3185, 20.8621)
contains.

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Color

**YUV(61.2120, 5.3185,
20.8621)**

Conversions

Conversions Part 1

Format	Color
Hex	552F48
RGB	85, 47, 72
RGB Percent	33%, 18%, 28%
CMY	0.6667, 0.8157, 0.7176
CMYK	0.00, 0.45, 0.15, 0.67
HSL	321°, 29%, 26%
HSV	321°, 45%, 33%
XYZ	5.9325, 4.4322, 6.6737
YIQ	61.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

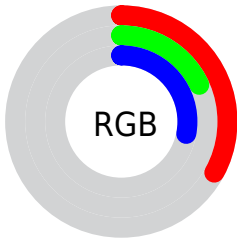
Format	Color
RYB	85, 47, 72
Decimal	5582664
CIELab	25.05, 21.39, -8.08
CIELCh	25, 22.864, 339.314
Yxy	4.4322, 0.3482, 0.2601
Android (android.graphics.Color)	4283772744 (0xFF552F48)
YUV	61.2120, 5.3185, 20.8621
Hunter-Lab	21.0528, 13.4576, -4.0579

Details

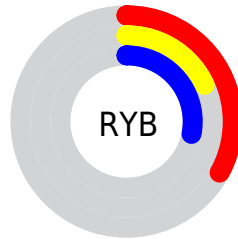
The YUV color **61.2120, 5.3185, 20.8621** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **70.7880, -5.3185, -20.8621**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.5220, 5.1657, 23.2212**, and **16.1410, 6.3395, 20.0473** is the 20% darker color. If you saturate the color by 10%, you get **56.1740, 6.3232, 25.2804**, and if you desaturate by 10%, it is **66.8370, 4.0244, 15.9290**.

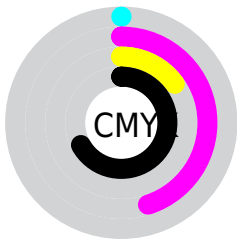
Distribution



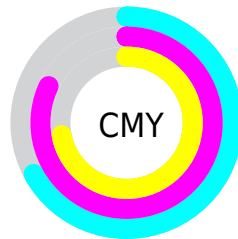
- Red (33%)
- Green (18%)
- Blue (28%)



- Red (33%)
- Yellow (18%)
- Blue (28%)



- Cyan (0%)
- Magenta (45%)
- Yellow (15%)
- Black (67%)



- Cyan (67%)
- Magenta (82%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2120, 5.3185, 20.8621 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 61.2120, 5.3185, 20.8621 by changing the saturation by 10% instead.

61.2120, 5.3185,
20.8621

61.2120, 5.3185,
20.8621

255.0000, 0.0000,
0.0000

38.6140, 5.6133,
19.6325

109.5220, 5.1657,
23.2212

16.1410, 6.3395,
20.0473

134.9350, 5.4550,
23.7360

0.0000, 0.0000,
0.0000

161.6470, 5.5970,
24.8656

188.9460, 5.4496,
25.4804

216.3590, 5.7390,
25.9952

238.5640, 8.1029,

14.4144

■ 61.2120, 5.3185,
20.8621

■ 61.2120, 5.3185,
20.8621

■ 56.1740, 6.3232,
25.2804

■ 66.8370, 4.0244,
15.9290

■ 50.5490, 7.6173,
30.2135

■ 71.8750, 3.0196,
11.5106

■ 45.5110, 8.6221,
34.6319

■ 77.5000, 1.7255,
6.5775

■ 39.8860, 9.9162,
39.5650

■ 82.5380, 0.7208,
2.1592

■ 34.8480, 10.9209,
43.9833

■ 87.5760, -0.2840,
-2.2592

■ 31.7990, 11.9311,
46.6573

■ 93.0870, -2.0149,
-7.0923

■ 98.1250, -3.0196,
-11.5106

■ 103.7500, -4.3137,
-16.4437

■ 108.7880, -5.3185,
-20.8621

Harmonies

Analogous

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



61.2470, 12.2032, 5.9224



61.2120, 5.3185, 20.8621



60.1930, -2.5601, 27.8947

Triad

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



61.2120, 5.3185, 20.8621



57.3910, -16.4618, 6.6731



48.5630, 15.9914, -42.5898

Complementary

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



61.2120, 5.3185, 20.8621



70.7880, -5.3185, -20.8621

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.



47.2120, 8.2765, -41.4049



61.2120, 5.3185, 20.8621



55.5570, -11.6136, -8.3815

Square

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



61.2120, 5.3185, 20.8621



58.6960, -15.6261, 18.6836



51.2650, -2.1026, -25.6654



48.5290, 20.9382, -42.5599

Rectangle

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



61.2120, 5.3185, 20.8621



59.7000, -8.2331, 27.4501



51.2650, -2.1026, -25.6654



48.5800, 13.5181, -42.6047

Sweetspot

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



61.2120, 5.3185, 20.8621



100.6250, 2.1569, 8.2219



55.2190, 14.6820, 4.1929



50.3750, 1.2941, 4.9331



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



61.2120, 5.3185, 20.8621



72.3860, 8.1907, 32.9875



59.0460, -2.9807, 22.7617



40.5380, 0.7208, 2.1592



39.9730, 14.8033, 58.7827



87.8210, 32.6262, 129.0760

Inverse Universe

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



61.2120, 5.3185, 20.8621



72.3860, 8.1907, 32.9875



72.9540, 2.9807, -22.7617



40.5380, 0.7208, 2.1592



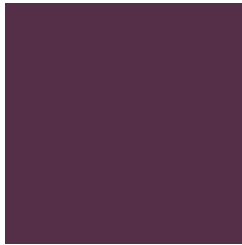
39.9730, 14.8033, 58.7827



87.8210, 32.6262, 129.0760

Previews

White Background



This preview shows how the YUV color 61.2120, 5.3185, 20.8621 looks on a white background.

Color Contrast Check

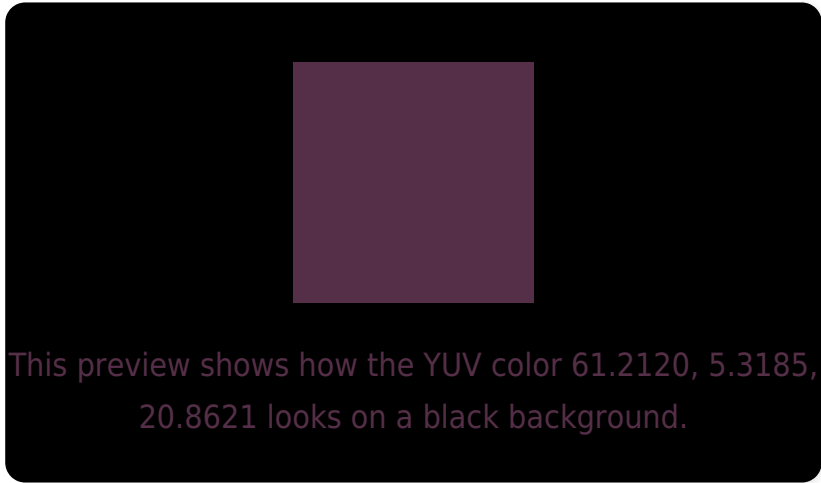
Large Text (above 18pt) WCAG AA ✓ Pass

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

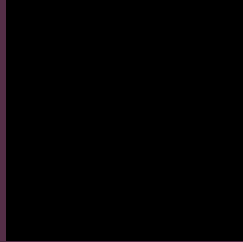
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.2120, 5.3185, 20.8621

Background



This preview shows how black text looks on a background with the YUV color 61.2120, 5.3185, 20.8621.



This preview shows how white text looks on a background with the YUV color 61.2120, 5.3185,

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

61.2120, 5.3185, 20.8621

Protanopia

60.0130, 10.3466, -5.2734

Deuteranopia

60.2650, 4.7994, 0.6446



Tritanopia

60.9100, -3.4066, 19.3729

Trichromacy



Original Color

61.2120, 5.3185, 20.8621

Protanomaly

60.6120, 8.5723, 3.8483

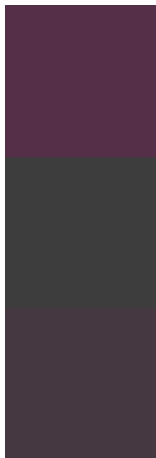
Deuteranomaly

60.7220, 5.0671, 8.1368

Tritanomaly

61.4200, -0.2071, 19.8027

Monochromacy



Original Color

61.2120, 5.3185, 20.8621

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2120, 5.3185, 20.8621 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(85, 47, 72)` looks like.

```
.text, #text, p{  
    color:rgb(85, 47, 72)  
}
```

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(85, 47, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 47, 72) }
```

Border

The CSS property to change the border of an element to YUV 61.2120, 5.3185, 20.8621 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(85, 47, 72) }
```


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

```
.border{ border-color:rgb(85, 47, 72) }
```

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

Here you see how a box with a 4 pixel rgb(85, 47, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 47, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 47, 72);  
box-shadow:4px 4px 4px 4px rgb(85, 47, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.2120, 5.3185, 20.8621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 47, 72) }
```

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

```
.background{ background-color: rgb(85, 47,  
72) }
```

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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