

Converting Colors

YUV(61.5180, 1.2236, 27.6097)

Have a look what the booklet for
YUV(61.5180, 1.2236, 27.6097)
contains.

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Color

**YUV(61.5180, 1.2236,
27.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	5D2D40
RGB	93, 45, 64
RGB Percent	36%, 18%, 25%
CMY	0.6353, 0.8235, 0.7490
CMYK	0.00, 0.52, 0.31, 0.64
HSL	336°, 35%, 27%
HSV	336°, 52%, 36%
XYZ	6.3780, 4.5741, 5.3972
YIQ	61.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

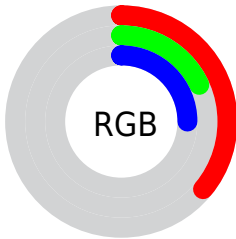
Format	Color
RYB	93, 45, 64
Decimal	6106432
CIELab	25.49, 24.37, -1.94
CIELCh	25, 24.444, 355.443
Yxy	4.5741, 0.3901, 0.2798
Android (android.graphics.Color)	4284296512 (0xFF5D2D40)
YUV	61.5180, 1.2236, 27.6097
Hunter-Lab	21.3871, 15.8042, 0.0087

Details

The YUV color **61.5180, 1.2236, 27.6097** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **76.4820, -1.2236, -27.6097**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1270, 0.9234, 30.5836**, and **15.9630, 2.9762, 25.4654** is the 20% darker color. If you saturate the color by 10%, you get **55.5510, 1.2074, 32.8428**, and if you desaturate by 10%, it is **67.4850, 1.2399, 22.3767**.

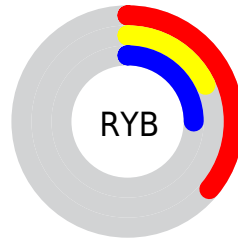
Distribution



Red (36%)

Green (18%)

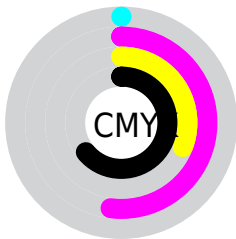
Blue (25%)



Red (36%)

Yellow (18%)

Blue (25%)

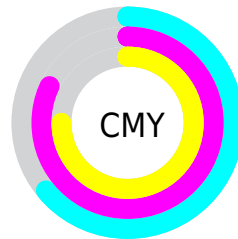


Cyan (0%)

Magenta (52%)

Yellow (31%)

Black (64%)



Cyan (64%)

Magenta (82%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5180, 1.2236, 27.6097 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 61.5180, 1.2236, 27.6097 by changing the saturation by 10% instead.

61.5180, 1.2236,
27.6097

61.5180, 1.2236,
27.6097

255.0000, 0.0000,
0.0000

38.0340, 1.9552,
26.2802

110.1270, 0.9234,
30.5836

15.9630, 2.9762,
25.4654

135.7250, 0.6286,
31.8132

3.8870, -1.9163,
7.9921

162.3230, 0.3338,
33.0427

0.0000, 0.0000,
0.0000

189.6220, 0.1864,
33.6575

217.3230, 0.3338,
33.0427

237.0650, 4.8980,

15.7290

■ 61.5180, 1.2236,
27.6097

■ 61.5180, 1.2236,
27.6097

■ 55.5510, 1.2074,
32.8428

■ 67.4850, 1.2399,
22.3767

■ 49.1110, 1.9173,
38.4907

■ 73.9250, 0.5300,
16.7288

■ 43.1440, 1.9010,
43.7237

■ 79.8920, 0.5462,
11.4957

■ 37.2910, 2.3215,
48.8568

■ 85.7450, 0.1257,
6.3626

■ 32.0250, 2.4527,
53.4751

■ 92.2990, -0.1474,
0.6148

■ 98.2660, -0.1311,
-4.6183

■ 104.1190, -0.5517,
-9.7514

■ 110.0860, -0.5354,
-14.9844

■ 116.6400, -0.8085,
-20.7323

Harmonies

Analogous

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



62.9170, 9.4079, 15.8588



61.5180, 1.2236, 27.6097



60.6510, -7.2229, 30.1241

Triad

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



61.5180, 1.2236, 27.6097



57.2760, -15.4191, -1.1191



50.1760, 19.6332, -44.0044

Complementary

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



61.5180, 1.2236, 27.6097



76.4820, -1.2236, -27.6097

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.



49.7540, 12.9393, -43.6343



61.5180, 1.2236, 27.6097



54.2290, -7.5079, -18.6178

Square

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



61.5180, 1.2236, 27.6097



58.6800, -18.0832, 13.4356



47.5880, 4.6401, -41.7347



53.4210, 21.4844, -31.0642

Rectangle

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



61.5180, 1.2236, 27.6097



59.9620, -12.3063, 27.2203



47.5880, 4.6401, -41.7347



49.7200, 17.8860, -43.6044

Sweetspot

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



61.5180, 1.2236, 27.6097



108.1800, 0.4043, 10.3661



59.1430, 16.6915, 13.0296



53.8590, 0.5625, 6.2627



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



61.5180, 1.2236, 27.6097



71.4320, 1.7590, 42.5941



62.2870, -8.5225, 26.9353



42.7230, 0.1366, 2.8739



37.7920, 2.5675, 63.3264



81.5790, 6.1236, 136.3042

Inverse Universe

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



61.5180, 1.2236, 27.6097



71.4320, 1.7590, 42.5941



75.7130, 8.5225, -26.9353



42.7230, 0.1366, 2.8739



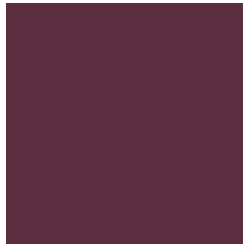
37.7920, 2.5675, 63.3264



81.5790, 6.1236, 136.3042

Previews

White Background



This preview shows how the YUV color 61.5180, 1.2236, 27.6097 looks on a white background.

Color Contrast Check

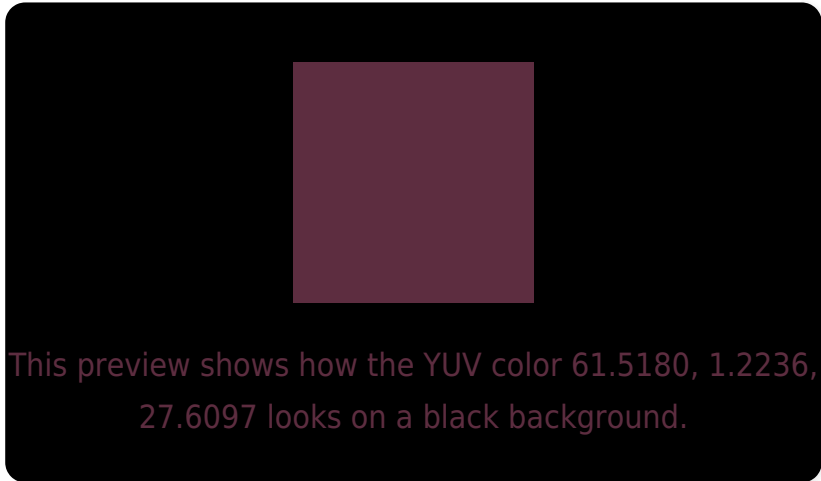
Large Text (above 18pt) WCAG AA ✓ Pass

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

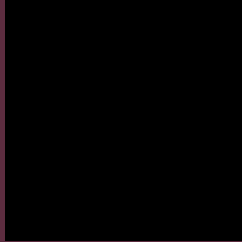
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5180, 1.2236, 27.6097

Background



This preview shows how black text looks on a background with the YUV color 61.5180, 1.2236, 27.6097.



This preview shows how white text looks on a background with the YUV color 61.5180, 1.2236, 27.6097.

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

61.5180, 1.2236, 27.6097

Protanopia

61.5850, 6.1206, -3.1440

Deuteranopia

61.7340, 0.1311, 4.6183



Tritanopia

61.4980, -5.1755, 26.7503

Trichromacy



Original Color

61.5180, 1.2236, 27.6097

Protanomaly

61.4940, 4.1935, 8.3368

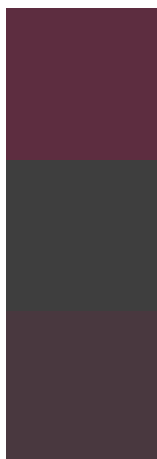
Deuteranomaly

61.6040, 0.6882, 12.6253

Tritanomaly

61.4810, -2.7021, 26.7652

Monochromacy



Original Color

61.5180, 1.2236, 27.6097

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8810, 0.5517, 9.7514

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5180, 1.2236, 27.6097 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(93, 45, 64)` looks like.

```
.text, #text, p{  
    color:rgb(93, 45, 64)  
}
```

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(93, 45, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 45, 64) }
```

Border

The CSS property to change the border of an element to YUV 61.5180, 1.2236, 27.6097 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(93, 45, 64) }
```


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

```
.border{ border-color:rgb(93, 45, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 45, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 45, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 45, 64);  
box-shadow:4px 4px 4px 4px rgb(93, 45, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.5180, 1.2236, 27.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 45, 64) }
```

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

```
.background{ background-color: rgb(93, 45,  
64) }
```

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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