

Converting Colors

YUV(61.7210, 9.9975, 13.3997)

Have a look what the booklet for
YUV(61.7210, 9.9975, 13.3997)
contains.

YUV(61.7210, 9.9975, 13.3997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(61.7210, 9.9975,
13.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3252
RGB	77, 50, 82
RGB Percent	30%, 20%, 32%
CMY	0.6980, 0.8039, 0.6784
CMYK	0.06, 0.39, 0.00, 0.68
HSL	291°, 24%, 26%
HSV	291°, 39%, 32%
XYZ	5.7242, 4.4682, 8.5434
YIQ	61.7210, 5.8200, 15.6760

Conversions

Conversions Part 2

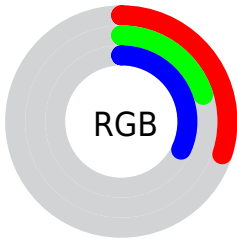
Format	Color
R_{YB}	77, 50, 82
Decimal	5059154
CIE Lab	25.16, 18.56, -14.65
CIE LCh	25, 23.649, 321.714
Yxy	4.4682, 0.3055, 0.2385
Android (android.graphics.Color)	4283249234 (0xFF4D3252)
YUV	61.7210, 9.9975, 13.3997
Hunter-Lab	21.1381, 11.3459, -9.1666




Details

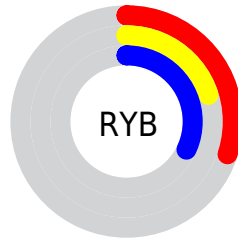
The YUV color **61.7210, 9.9975, 13.3997** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **70.2790, -9.9975, -13.3997**, and the grayscale version is **62.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **109.9600, 10.8657, 14.9441**, and **17.3080, 9.7082, 12.8849** is the 20% darker color. If you saturate the color by 10%, you get **56.7260, 12.4601, 16.9033**, and if you desaturate by 10%, it is **66.7160, 7.5350, 9.8961**.

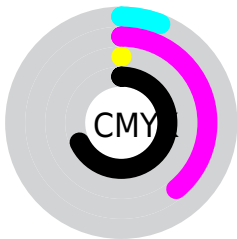
Distribution







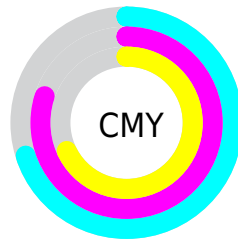
-  Red (30%)
-  Green (20%)
-  Blue (32%)






-  Red (30%)
-  Yellow (20%)
-  Blue (32%)



-  Cyan (6%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (70%)
-  Magenta (80%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7210, 9.9975, 13.3997 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 61.7210, 9.9975, 13.3997 by changing the saturation by 10% instead.

61.7210, 9.9975,
13.3997

61.7210, 9.9975,
13.3997

255.0000, 0.0000,
0.0000

39.3080, 9.7082,
12.8849

109.9600, 10.8657,
14.9441

17.3080, 9.7082,
12.8849

135.3730, 11.1551,
15.4589

2.2970, 6.2626,
-2.0145

161.7860, 11.4445,
15.9737

0.0000, 0.0000,
0.0000

188.1990, 11.7339,
16.4885

216.6120, 12.0233,
17.0033

240.3250, 7.2348,

12.8700

■ 61.7210, 9.9975,
13.3997

■ 61.7210, 9.9975,
13.3997

■ 56.7260, 12.4601,
16.9033

■ 66.7160, 7.5350,
9.8961

■ 51.4320, 15.0700,
19.7921

■ 72.0100, 4.9251,
7.0072

■ 45.8500, 17.8220,
23.8106

■ 77.5920, 2.1731,
2.9888

■ 40.8550, 20.2845,
27.3142

■ 82.5870, -0.2894,
-0.5148

■ 35.8600, 22.7470,
30.8178

■ 87.5820, -2.7519,
-4.0184

■ 30.5660, 25.3570,
33.7066

■ 92.8760, -5.3619,
-6.9073

■ 29.9790, 25.6464,
34.2214

■ 97.8710, -7.8244,
-10.4109

■ 103.4530,
-10.5763, -14.4293

■ 108.7470,
-13.1863, -17.3181

Harmonies

Analogous

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



59.9080, 16.3144, -6.0583



61.7210, 9.9975, 13.3997



60.7350, 2.1026, 25.6654

Triad

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



61.7210, 9.9975, 13.3997



58.6200, -17.0677, 14.3653



48.7110, 11.4815, -42.7195

Complementary

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



61.7210, 9.9975, 13.3997



70.2790, -9.9975, -13.3997

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.



46.3710, 3.7611, -39.7904



61.7210, 9.9975, 13.3997



56.8740, -15.7139, 0.1105

Square

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



61.7210, 9.9975, 13.3997



59.0110, -13.3164, 24.5464



53.7240, -8.2449, -15.5439



49.2470, 18.6122, -43.1896

Rectangle

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



61.7210, 9.9975, 13.3997



60.2640, -3.5812, 28.7095



53.7240, -8.2449, -15.5439



48.0270, 8.8607, -42.1197

Sweetspot

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



61.7210, 9.9975, 13.3997



98.7710, 4.0569, 5.4628



56.5830, 12.5306, -5.7733



48.7060, 2.6099, 2.8888



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



61.7210, 9.9975, 13.3997



75.2580, 15.6488, 20.8217



61.9620, 4.4557, 17.5733



38.3530, 1.3050, 1.4444



38.2820, 32.8920, 43.6027



85.0520, 72.4454, 97.3014

Inverse Universe

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



60.1380, -2.5330, 19.1730



72.8620, -3.8760, 29.9390



70.0380, -4.4557, -17.5733



38.1960, -0.5896, 2.4591



33.2190, -8.4890, 62.9519



73.4720, -18.4737, 139.0291

Previews

White Background



This preview shows how the YUV color 61.7210, 9.9975, 13.3997 looks on a white background.

Color Contrast Check

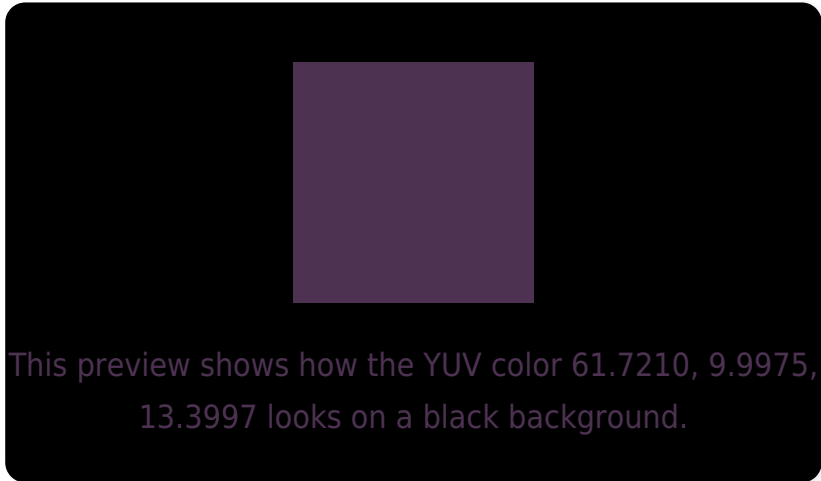
Large Text (above 18pt) WCAG AA ✓ Pass

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

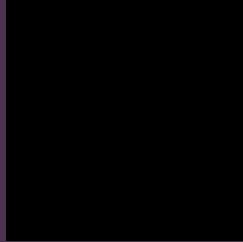
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.7210, 9.9975, 13.3997

Background



This preview shows how black text looks on a background with the YUV color 61.7210, 9.9975, 13.3997.



This preview shows how white text looks on a background with the YUV color 61.7210, 9.9975,

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

61.7210, 9.9975, 13.3997

Protanopia

59.7290, 14.4306, -8.5323

Deuteranopia

60.1980, 9.7624, -4.5586



Tritanopia

61.1370, -1.0535, 11.2809

Trichromacy



Original Color

61.7210, 9.9975, 13.3997

Protanomaly

60.6160, 12.5143, -0.5402

Deuteranomaly

60.9430, 9.8881, 1.8040

Tritanomaly

61.1740, 2.8722, 12.1254

Monochromacy



Original Color

61.7210, 9.9975, 13.3997

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7210, 9.9975, 13.3997 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(77, 50, 82)` looks like.

```
.text, #text, p{  
    color:rgb(77, 50, 82)  
}
```

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(77, 50, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 50, 82) }
```

Border

The CSS property to change the border of an element to YUV 61.7210, 9.9975, 13.3997 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(77, 50, 82) }
```


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

```
.border{ border-color:rgb(77, 50, 82) }
```

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

Here you see how a box with a 4 pixel rgb(77, 50, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 50, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 50, 82);  
box-shadow:4px 4px 4px 4px rgb(77, 50, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.7210, 9.9975, 13.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 50, 82) }
```

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

```
.background{ background-color: rgb(77, 50,  
82) }
```

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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