

Converting Colors

YUV(61.7500, 22.8012, 13.3742)

Have a look what the booklet for
YUV(61.7500, 22.8012, 13.3742)
contains.

YUV(61.7500, 22.8012, 13.3742)	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(61.7500, 22.8012,
13.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	4D2D6C
RGB	77, 45, 108
RGB Percent	30%, 18%, 42%
CMY	0.6980, 0.8235, 0.5765
CMYK	0.29, 0.58, 0.00, 0.58
HSL	270°, 41%, 30%
HSV	270°, 58%, 42%
XYZ	6.7057, 4.5373, 14.7097
YIQ	61.7500, -1.1510, 26.3770

Conversions

Conversions Part 2

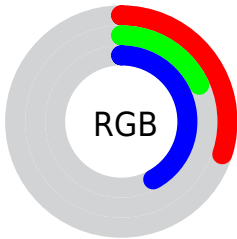
Format	Color
R_{YB}	77, 45, 108
Decimal	5057900
CIE Lab	25.37, 28.27, -31.29
CIE LCh	25, 42.169, 312.098
Yxy	4.5373, 0.2584, 0.1748
Android (android.graphics.Color)	4283247980 (0xFF4D2D6C)
YUV	61.7500, 22.8012, 13.3742
Hunter-Lab	21.3009, 18.9172, -26.0332

Details

The YUV color **61.7500, 22.8012, 13.3742** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.2500, -22.8012, -13.3742**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.5160, 24.3956, 15.3335**, and **15.5110, 21.9331, 11.8299** is the 20% darker color. If you saturate the color by 10%, you get **53.7980, 26.7216, 15.9632**, and if you desaturate by 10%, it is **69.7020, 18.8809, 10.7853**.

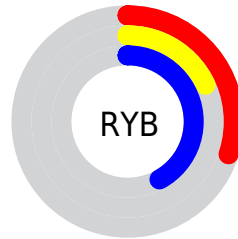
Distribution



 Red (30%)

 Green (18%)

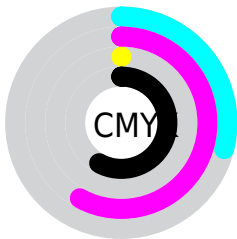
 Blue (42%)



 Red (30%)

 Yellow (18%)

 Blue (42%)

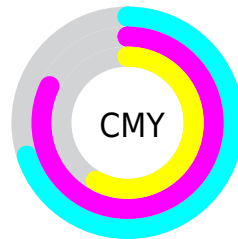


 Cyan (29%)

 Magenta (58%)

 Yellow (0%)

 Black (58%)



 Cyan (70%)

 Magenta (82%)

 Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7500, 22.8012, 13.3742 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 61.7500, 22.8012, 13.3742 by changing the saturation by 10% instead.

61.7500, 22.8012,
13.3742

61.7500, 22.8012,
13.3742

255.0000, 0.0000,
0.0000

38.8100, 21.7857,
12.4446

110.5160, 24.3956,
15.3335

15.5110, 21.9331,
11.8299

136.3420, 24.9744,
16.3631

4.3320, 16.5983,
-3.7992

162.8690, 25.7006,
16.7779

2.1830, 5.8258,
-1.9145

190.3960, 26.4268,
17.1927

0.0000, 0.0000,
0.0000

216.1700, 19.1432,
20.0219

237.3900, 8.6817,

15.4440

254.4130, 0.2894,
0.5148

■ 61.7500, 22.8012,
13.3742

■ 61.7500, 22.8012,
13.3742

■ 53.7980, 26.7216,
15.9632

■ 69.7020, 18.8809,
10.7853

■ 45.5470, 30.7893,
17.9373

■ 77.9530, 14.8132,
8.8112

■ 38.1820, 34.4203,
20.0114

■ 85.3180, 11.1822,
6.7371

■ 30.2300, 38.3406,
22.6003

■ 93.2700, 7.2619,
4.1482

■ 28.7570, 39.0668,
23.0151

■ 101.5210, 3.1941,
2.1741

■ 109.4730, -0.7262,
-0.4148

■ 117.4250, -4.6465,
-3.0037

■ 125.0890, -8.4249,
-4.4631

■ 133.0410,
-12.3452, -7.0520

Harmonies

Analogous

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



49.2420, 36.3627, -43.1852



61.7500, 22.8012, 13.3742



57.6630, 11.5051, 43.2685

Triad

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



61.7500, 22.8012, 13.3742



56.8470, -28.0256, 29.0752



51.7600, 10.4713, -45.3935

Complementary

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



61.7500, 22.8012, 13.3742



91.2500, -22.8012, -13.3742

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.



47.2970, -4.0904, -41.4795



61.7500, 22.8012, 13.3742



55.8180, -27.5183, 6.2986

Square

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



61.7500, 22.8012, 13.3742



55.7750, -18.6231, 46.6783



48.8360, -21.6111, -21.7812



54.5930, 23.8647, -47.8781

Rectangle

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



61.7500, 22.8012, 13.3742



54.0250, 2.4527, 53.4751



48.8360, -21.6111, -21.7812



50.5060, 5.6665, -44.2938

Sweetspot

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



61.7500, 22.8012, 13.3742



121.7370, 9.0037, 5.4927



70.9660, 18.2578, -22.7722



60.1020, 5.3727, 3.4185



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



61.7500, 22.8012, 13.3742



68.1220, 35.4359, 20.9410



71.0190, 18.2316, 32.4323



49.5810, 2.1786, 1.2445



31.2780, 42.2609, 25.1892



65.0060, 88.7370, 51.7377

Inverse Universe

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



67.3710, 4.2541, 35.6316



76.7740, 6.5204, 55.4492



81.9810, -18.2316, -32.4323



50.1360, 0.4260, 3.3887



41.5950, 8.0877, 66.1302



86.9350, 16.3010, 138.6230

Previews

White Background



This preview shows how the YUV color 61.7500, 22.8012, 13.3742 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 61.7500, 22.8012, 13.3742 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 61.7500, 22.8012, 13.3742

Background



This preview shows how black text looks on a background with the YUV color 61.7500, 22.8012, 13.3742.



This preview shows how white text looks on a background with the YUV color 61.7500, 22.8012,

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

61.7500, 22.8012, 13.3742

Protanopia

52.7380, 34.1462, -32.2192

Deuteranopia

55.5510, 24.3784, -25.9162



Tritanopia

61.7450, 0.1257, 6.3626

Trichromacy



Original Color

61.7500, 22.8012, 13.3742

Protanomaly

55.8110, 30.1662, -15.6202

Deuteranomaly

57.8240, 23.7508, -11.2466

Tritanomaly

61.6450, 8.5560, 9.0813

Monochromacy



Original Color

61.7500, 22.8012, 13.3742

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9110, 8.4249, 4.4631

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7500, 22.8012, 13.3742 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, 45, 108)` looks like.

```
.text, #text, p{  
    color:rgb(77, 45, 108)  
}
```

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, 45, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 45, 108) }
```

Border

The CSS property to change the border of an element to YUV 61.7500, 22.8012, 13.3742 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, 45, 108) }
```


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

```
.border{ border-color:rgb(77, 45, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 45, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 45, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 45, 108);  
box-shadow:4px 4px 4px 4px rgb(77, 45,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 61.7500, 22.8012, 13.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 45, 108) }
```

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

```
.background{ background-color: rgb(77, 45,  
108) }
```

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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