

Converting Colors

YUV(61.6690, 22.3482, 18.7073)

Have a look what the booklet for
YUV(61.6690, 22.3482, 18.7073)
contains.

YUV(61.6690, 22.3482, 18.7073)	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(61.6690, 22.3482,
18.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	532A6B
RGB	83, 42, 107
RGB Percent	33%, 16%, 42%
CMY	0.6745, 0.8353, 0.5804
CMYK	0.22, 0.61, 0.00, 0.58
HSL	278°, 44%, 29%
HSV	278°, 61%, 42%
XYZ	7.0491, 4.5565, 14.4179
YIQ	61.6690, 3.5710, 28.9070

Conversions

Conversions Part 2

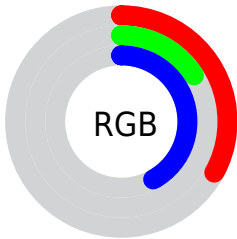
Format	Color
R_{YB}	83, 42, 107
Decimal	5450347
CIE _{Lab}	25.43, 31.49, -30.51
CIE _{LCh}	25, 43.841, 315.907
Yxy	4.5565, 0.2709, 0.1751
Android (android.graphics.Color)	4283640427 (0xFF532A6B)
YUV	61.6690, 22.3482, 18.7073
Hunter-Lab	21.3459, 21.5911, -25.1048

Details

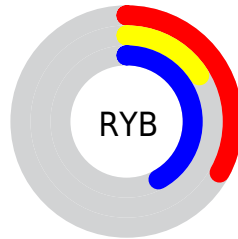
The YUV color **61.6690, 22.3482, 18.7073** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **87.3310, -22.3482, -18.7073**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0220, 23.6532, 20.1517**, and **17.1910, 20.6118, 15.6185** is the 20% darker color. If you saturate the color by 10%, you get **54.0160, 26.1211, 21.9110**, and if you desaturate by 10%, it is **69.3220, 18.5753, 15.5036**.

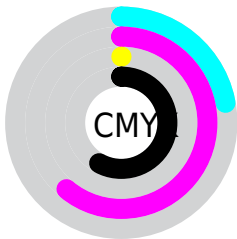
Distribution



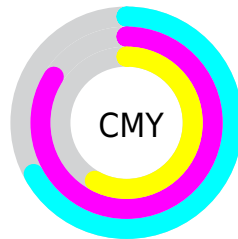
- Red (33%)
- Green (16%)
- Blue (42%)



- Red (33%)
- Yellow (16%)
- Blue (42%)



- Cyan (22%)
- Magenta (61%)
- Yellow (0%)
- Black (58%)



- Cyan (67%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6690, 22.3482, 18.7073 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 61.6690, 22.3482, 18.7073 by changing the saturation by 10% instead.

61.6690, 22.3482,
18.7073

61.6690, 22.3482,
18.7073

255.0000, 0.0000,
0.0000

37.8430, 21.7694,
17.6777

111.0220, 23.6532,
20.1517

17.1910, 20.6118,
15.6185

136.8480, 24.2319,
21.1813

4.8160, 15.8667,
-2.4696

163.6740, 24.8107,
22.2109

2.0690, 5.3890,
-1.8145

190.5000, 25.3895,
23.2405

0.0000, 0.0000,
0.0000

217.0890, 18.6901,
25.3549

236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

61.6690, 22.3482,
18.7073

61.6690, 22.3482,
18.7073

54.0160, 26.1211,
21.9110

69.3220, 18.5753,
15.5036

46.9500, 29.6046,
24.5998

76.3880, 15.0917,
12.8147

39.2970, 33.3776,
27.8035

84.0410, 11.3188,
9.6110

32.2310, 36.8611,
30.4924

91.6940, 7.5459,
6.4074

99.3470, 3.7729,
3.2037

■ 106.4130, 0.2894,
0.5148

■ 114.0660, -3.4835,
-2.6889

■ 121.7190, -7.2565,
-5.8926

■ 128.7850,
-10.7400, -8.5814

Harmonies

Analogous

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



49.4920, 37.2254, -39.8965



61.6690, 22.3482, 18.7073



56.0550, 10.3259, 48.1868

Triad

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



61.6690, 22.3482, 18.7073



57.4230, -28.3095, 26.8160



52.9170, 12.3659, -46.4082

Complementary

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



61.6690, 22.3482, 18.7073



87.3310, -22.3482, -18.7073

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.



48.3400, -2.6326, -42.3942



61.6690, 22.3482, 18.7073



55.2090, -27.2180, 3.3247

Square

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



61.6690, 22.3482, 18.7073



55.3790, -21.3858, 46.1486



45.9490, -19.6949, -29.7733



55.7500, 25.7592, -48.8927

Rectangle

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



61.6690, 22.3482, 18.7073



52.7050, 1.1314, 57.2637



45.9490, -19.6949, -29.7733



51.5490, 7.1243, -45.2085

Sweetspot

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



61.6690, 22.3482, 18.7073



122.6340, 8.5614, 7.3370



64.0850, 21.1571, -19.3685



60.7000, 5.0779, 4.6481



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.



61.6690, 22.3482, 18.7073



68.7640, 35.1193, 29.1480



67.9330, 15.3160, 34.2618



49.8800, 2.0312, 1.8592



35.4640, 40.1972, 33.7961



73.9760, 84.3148, 70.1810

Inverse Universe

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



64.1710, 0.9017, 37.5610



72.8300, 1.5628, 58.9081



81.0670, -15.3160, -34.2618



50.0220, -0.0108, 3.4887



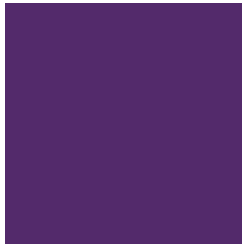
39.8850, 1.5357, 67.6299



83.5150, 3.1971, 141.6223

Previews

White Background



This preview shows how the YUV color 61.6690, 22.3482, 18.7073 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 61.6690, 22.3482, 18.7073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

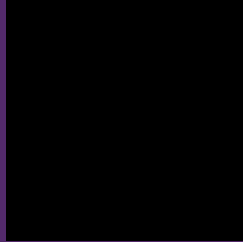
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.6690, 22.3482, 18.7073

Background



This preview shows how black text looks on a background with the YUV color 61.6690, 22.3482, 18.7073.



This preview shows how white text looks on a background with the YUV color 61.6690, 22.3482,

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

61.6690, 22.3482, 18.7073

Protanopia

51.7590, 35.6148, -36.6226

Deuteranopia

56.8180, 22.7677, -22.6424



Tritanopia

61.5500, -0.7641, 11.7957

Trichromacy



Original Color

61.6690, 22.3482, 18.7073

Protanomaly

55.6260, 30.7504, -16.3350

Deuteranomaly

58.5040, 22.4295, -7.4580

Tritanomaly

61.4500, 7.6662, 14.5144

Monochromacy



Original Color

61.6690, 22.3482, 18.7073

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1070, 7.8352, 6.9222

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6690, 22.3482, 18.7073 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(83, 42, 107)` looks like.

```
.text, #text, p{  
    color:rgb(83, 42, 107)  
}
```

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(83, 42, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 42, 107) }
```

Border

The CSS property to change the border of an element to YUV 61.6690, 22.3482, 18.7073 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(83, 42, 107) }
```


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

```
.border{ border-color:rgb(83, 42, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 42, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 42, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 42, 107);  
box-shadow:4px 4px 4px 4px rgb(83, 42,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 61.6690, 22.3482, 18.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 42, 107) }
```

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

```
.background{ background-color: rgb(83, 42,  
107) }
```

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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