

Converting Colors

YUV(62.3720, 56.5116, 27.7378)

Have a look what the booklet for
YUV(62.3720, 56.5116, 27.7378)
contains.

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Color

**YUV(62.3720, 56.5116,
27.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	5E18B1
RGB	94, 24, 177
RGB Percent	37%, 9%, 69%
CMY	0.6314, 0.9059, 0.3059
CMYK	0.47, 0.86, 0.00, 0.31
HSL	267°, 76%, 39%
HSV	267°, 86%, 69%
XYZ	12.8785, 6.2073, 42.1143
YIQ	62.3720, -7.3930, 62.4230

Conversions

Conversions Part 2

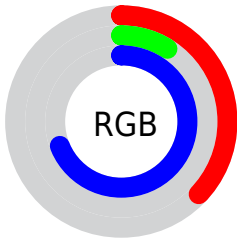
Format	Color
RYB	94, 24, 177
Decimal	6166705
CIELab	29.93, 58.84, -66.53
CIELCh	30, 88.817, 311.489
Yxy	6.2073, 0.2104, 0.1014
Android (android.graphics.Color)	4284356785 (0xFF5E18B1)
YUV	62.3720, 56.5116, 27.7378
Hunter-Lab	24.9144, 48.6685, -82.7814

Details

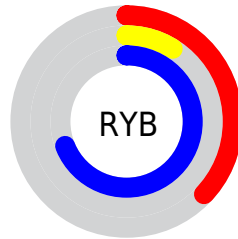
The YUV color **62.3720, 56.5116, 27.7378** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **138.6280, -56.5116, -27.7378**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0840, 56.6536, 28.8673**, and **22.3940, 49.5988, 4.9165** is the 20% darker color. If you saturate the color by 10%, you get **48.8160, 63.1947, 30.8564**, and if you desaturate by 10%, it is **75.9280, 49.8285, 24.6191**.

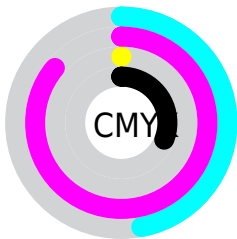
Distribution



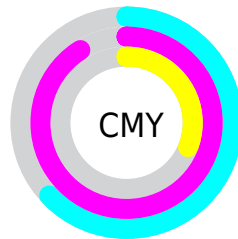
- Red (37%)
- Green (9%)
- Blue (69%)



- Red (37%)
- Yellow (9%)
- Blue (69%)



- Cyan (47%)
- Magenta (86%)
- Yellow (0%)
- Black (31%)



- Cyan (63%)
- Magenta (91%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3720, 56.5116, 27.7378 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 62.3720, 56.5116, 27.7378 by changing the saturation by 10% instead.

62.3720, 56.5116,
27.7378

62.3720, 56.5116,
27.7378

255.0000, 0.0000,
0.0000

36.2360, 56.0857,
24.3490

119.0840, 56.6536,
28.8673

22.3940, 49.5988,
4.9165

145.7100, 53.8800,
31.8263

11.0580, 42.3694,
-9.6979

170.2300, 41.7916,
35.7553

8.2080, 31.4495,
-7.1984

195.6360, 29.2665,
39.7842

7.9340, 20.2455,
-6.9581

216.2580, 19.0998,
33.9767


3.6650, 11.5042,
-3.2142


232.6940, 10.9969,


0.0000, 0.0000,


19.5624


0.0000


 249.7170, 2.6045,
4.6332


 62.3720, 56.5116,
27.7378


 62.3720, 56.5116,
27.7378


 48.8160, 63.1947,
30.8564


 75.9280, 49.8285,
24.6191

 44.3970, 65.3733,
32.1008

 88.5980, 43.5822,
21.4006

 102.1540, 36.8991,
18.2819

 115.4110, 30.3634,
14.5486

 128.3800, 23.9697,
11.9447

■ 141.9360, 17.2866,
8.8261

■ 155.1930, 10.7509,
5.0927

■ 168.7490, 4.0677,
1.9741

■ 181.4190, -2.1786,
-1.2445

Harmonies

Analogous

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



67.4920, 70.7494, -59.1905



62.3720, 56.5116, 27.7378



62.5590, 26.3464, 89.8408

Triad

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



62.3720, 56.5116, 27.7378



64.9420, -32.0164, 49.1629



66.2360, 15.1667, -58.0890

Complementary

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



62.3720, 56.5116, 27.7378



138.6280, -56.5116, -27.7378

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.



56.2840, -17.8880, -49.3611



62.3720, 56.5116, 27.7378



64.0360, -31.5697, -0.9086

Square

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



62.3720, 56.5116, 27.7378



48.4380, -23.8799, 99.5939



51.6560, -25.4664, -45.3023



74.3470, 43.7059, -65.2023

Rectangle

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



62.3720, 56.5116, 27.7378



61.9140, 4.4794, 103.5614



51.6560, -25.4664, -45.3023



62.9130, 4.9729, -55.1747

Sweetspot

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



62.3720, 56.5116, 27.7378



184.9130, 22.2279, 10.6003



90.7500, 42.5213, -58.5397



87.8880, 13.3662, 6.2372



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



62.3720, 56.5116, 27.7378



57.6150, 84.9858, 41.5566



84.7970, 45.4561, 73.8460



82.2220, 3.3416, 1.5593



38.3720, 56.5116, 27.7378



6.5520, 9.5879, 4.7779

Inverse Universe

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



79.2090, 13.7010, 85.7627



83.0200, 20.6961, 128.9015



116.2030, -45.4561, -73.8460



83.2610, 0.8573, 5.0331



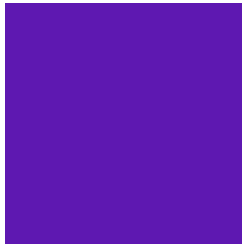
55.2090, 13.7010, 85.7627



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 62.3720, 56.5116, 27.7378 looks on a white background.

Color Contrast Check

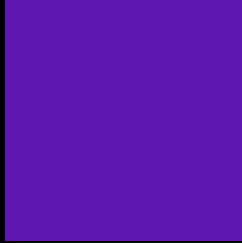
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.3720, 56.5116, 27.7378 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 62.3720, 56.5116, 27.7378

Background



This preview shows how black text looks on a background with the YUV color 62.3720, 56.5116, 27.7378.



This preview shows how white text looks on a background with the YUV color 62.3720, 56.5116,

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

62.3720, 56.5116, 27.7378

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.6880, 33.1848, -50.5924



Tritanopia

71.3740, 2.7736, -2.9590

Trichromacy



Original Color

62.3720, 56.5116, 27.7378

Protanomaly

59.1750, 48.2277, -22.0785

Deuteranomaly

59.4540, 41.6812, -22.3232

Tritanomaly

68.1900, 22.0913, 7.7264

Monochromacy



Original Color

62.3720, 56.5116, 27.7378

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1580, 20.6281, 10.3854

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3720, 56.5116, 27.7378 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(94, 24, 177)` looks like.

```
.text, #text, p{  
    color:rgb(94, 24, 177)  
}
```

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(94, 24, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 24, 177) }
```

Border

The CSS property to change the border of an element to YUV 62.3720, 56.5116, 27.7378 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(94, 24, 177) }
```


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

```
.border{ border-color:rgb(94, 24, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 24, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 24, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 24, 177);  
box-shadow:4px 4px 4px 4px rgb(94, 24,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 62.3720, 56.5116, 27.7378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 24, 177) }
```

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

```
.background{ background-color: rgb(94, 24,  
177) }
```

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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