

Converting Colors

YUV(61.6890, 28.7473, 19.5667)

Have a look what the booklet for
YUV(61.6890, 28.7473, 19.5667)
contains.

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Color

**YUV(61.6890, 28.7473,
19.5667)**

Conversions

Conversions Part 1

Format	Color
Hex	542778
RGB	84, 39, 120
RGB Percent	33%, 15%, 47%
CMY	0.6706, 0.8471, 0.5294
CMYK	0.30, 0.67, 0.00, 0.53
HSL	273°, 51%, 31%
HSV	273°, 68%, 47%
XYZ	7.7718, 4.6919, 18.2653
YIQ	61.6890, 0.8190, 34.7310

Conversions

Conversions Part 2

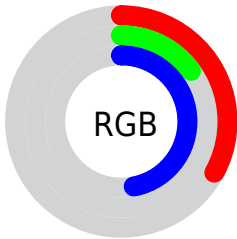
Format	Color
R_{YB}	84, 39, 120
Decimal	5515128
CIE _{Lab}	25.84, 36.68, -38.17
CIE _{LCh}	26, 52.937, 313.863
Yxy	4.6919, 0.2529, 0.1527
Android (android.graphics.Color)	4283705208 (0xFF542778)
YUV	61.6890, 28.7473, 19.5667
Hunter-Lab	21.6608, 26.1387, -34.8332

Details

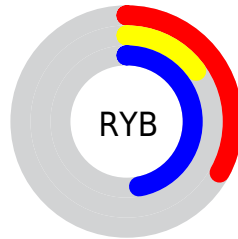
The YUV color **61.6890, 28.7473, 19.5667** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **97.3110, -28.7473, -19.5667**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4550, 30.3417, 21.5260**, and **18.2600, 26.0008, 13.8040** is the 20% darker color. If you saturate the color by 10%, you get **53.1500, 32.9570, 22.6705**, and if you desaturate by 10%, it is **70.2280, 24.5376, 16.4630**.

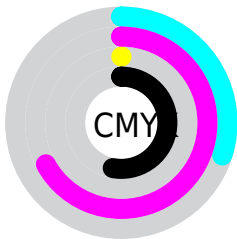
Distribution



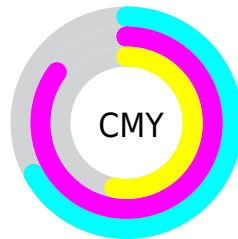
- Red (33%)
- Green (15%)
- Blue (47%)



- Red (33%)
- Yellow (15%)
- Blue (47%)



- Cyan (30%)
- Magenta (67%)
- Yellow (0%)
- Black (53%)



- Cyan (67%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6890, 28.7473, 19.5667 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 61.6890, 28.7473, 19.5667 by changing the saturation by 10% instead.

61.6890, 28.7473,
19.5667

61.6890, 28.7473,
19.5667

255.0000, 0.0000,
0.0000

37.2760, 28.4579,
19.0519

111.4550, 30.3417,
21.5260

18.2600, 26.0008,
13.8040

137.6940, 31.2099,
23.0704

6.6680, 20.3767,
-2.3398

164.5200, 31.7886,
24.1000

3.5510, 11.0674,
-3.1142

191.7050, 31.2044,
24.8147

0.0000, 0.0000,
0.0000

216.8120, 18.8267,
28.2289

235.0420, 9.8393,

17.5032

252.0650, 1.4470,
2.5740

61.6890, 28.7473,
19.5667

61.6890, 28.7473,
19.5667

53.1500, 32.9570,
22.6705

70.2280, 24.5376,
16.4630

44.3120, 37.3142,
25.1594

79.0660, 20.1805,
13.9741

35.7730, 41.5239,
28.2631

87.6050, 15.9707,
10.8704

33.7130, 42.5395,
29.1927

96.1440, 11.7610,
7.7667

104.9820, 7.4039,
5.2778

■ 113.5210, 3.1941,
2.1741

■ 122.0600, -1.0156,
-0.9296

■ 130.8980, -5.3727,
-3.4185

■ 139.4370, -9.5824,
-6.5222

Harmonies

Analogous

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



51.2940, 44.2251, -44.9848



61.6890, 28.7473, 19.5667



46.7440, 18.8602, 64.2455

Triad

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



61.6890, 28.7473, 19.5667



58.0430, -28.6152, 31.5343



54.7920, 11.9345, -48.0526

Complementary

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



61.6890, 28.7473, 19.5667



97.3110, -28.7473, -19.5667

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.



48.8300, -5.8322, -42.8239



61.6890, 28.7473, 19.5667



55.7960, -27.5074, 2.8099

Square

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



61.6890, 28.7473, 19.5667



51.9460, -24.6234, 57.9294



42.8510, -21.1255, -37.5803



58.5370, 28.8223, -51.3369

Rectangle

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



61.6890, 28.7473, 19.5667



45.1830, 6.3188, 73.5075



42.8510, -21.1255, -37.5803



52.7230, 6.5456, -46.2381

Sweetspot

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



61.6890, 28.7473, 19.5667



133.0300, 11.3242, 7.8667



69.3660, 24.9626, -26.6310



65.4550, 6.6777, 4.8630



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



61.6890, 28.7473, 19.5667



65.2940, 44.7181, 30.4372



71.9970, 21.6935, 42.0986



56.5810, 2.1786, 1.2445



34.8810, 44.4287, 29.9224



70.5880, 89.4361, 60.8743

Inverse Universe

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



67.3230, 3.7848, 46.1977



74.0580, 5.8874, 71.8631



87.0030, -21.6935, -42.0986



57.1360, 0.4260, 3.3887



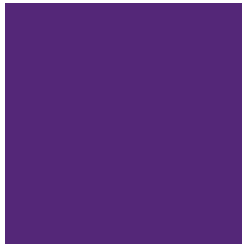
43.7590, 6.0348, 71.2484



88.1160, 11.7748, 143.7263

Previews

White Background



This preview shows how the YUV color 61.6890, 28.7473, 19.5667 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 61.6890, 28.7473, 19.5667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

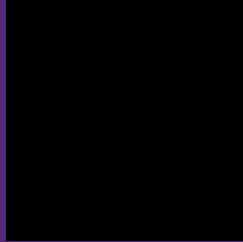
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.6890, 28.7473, 19.5667

Background



This preview shows how black text looks on a background with the YUV color 61.6890, 28.7473, 19.5667.



This preview shows how white text looks on a background with the YUV color 61.6890, 28.7473,

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

61.6890, 28.7473, 19.5667

Protanopia

49.6980, 38.1099, -43.5851

Deuteranopia

49.6350, 30.2529, -43.5299



Tritanopia

62.6530, -0.3219, 9.9513

Trichromacy



Original Color

61.6890, 28.7473, 19.5667

Protanomaly

53.9290, 34.5450, -20.1087

Deuteranomaly

53.9630, 29.5982, -20.1386

Tritanomaly

62.1340, 10.2869, 13.9145

Monochromacy



Original Color

61.6890, 28.7473, 19.5667

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0900, 10.3086, 6.9371

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6890, 28.7473, 19.5667 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(84, 39, 120)` looks like.

```
.text, #text, p{  
  color:rgb(84, 39, 120)  
}
```

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(84, 39, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 39, 120) }
```

Border

The CSS property to change the border of an element to YUV 61.6890, 28.7473, 19.5667 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(84, 39, 120) }
```


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

```
.border{ border-color:rgb(84, 39, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 39, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 39, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 39, 120);  
box-shadow:4px 4px 4px 4px rgb(84, 39,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 61.6890, 28.7473, 19.5667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 39, 120) }
```

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

```
.background{ background-color: rgb(84, 39,  
120) }
```

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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