

Converting Colors

YUV(61.5970, 28.2997, 23.1554)

Have a look what the booklet for
YUV(61.5970, 28.2997, 23.1554)
contains.

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Color

**YUV(61.5970, 28.2997,
23.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	582577
RGB	88, 37, 119
RGB Percent	35%, 15%, 47%
CMY	0.6549, 0.8549, 0.5333
CMYK	0.26, 0.69, 0.00, 0.53
HSL	277°, 53%, 31%
HSV	277°, 69%, 47%
XYZ	8.0158, 4.7298, 17.9432
YIQ	61.5970, 4.0740, 36.3140

Conversions

Conversions Part 2

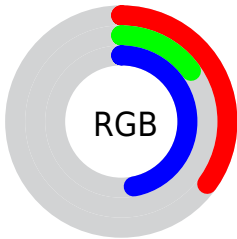
Format	Color
R_{YB}	88, 37, 119
Decimal	5776759
CIE _{Lab}	25.95, 38.45, -37.32
CIE _{LCh}	26, 53.582, 315.850
Yxy	4.7298, 0.2612, 0.1541
Android (android.graphics.Color)	4283966839 (0xFF582577)
YUV	61.5970, 28.2997, 23.1554
Hunter-Lab	21.7480, 27.7323, -33.6937

Details

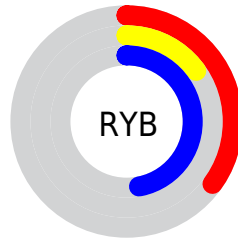
The YUV color **61.5970, 28.2997, 23.1554** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **94.4030, -28.2997, -23.1554**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2490, 29.4572, 25.2146**, and **19.3420, 24.9744, 16.3631** is the 20% darker color. If you saturate the color by 10%, you get **53.3570, 32.3620, 26.8739**, and if you desaturate by 10%, it is **69.8370, 24.2374, 19.4370**.

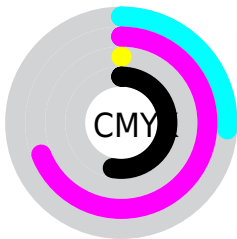
Distribution



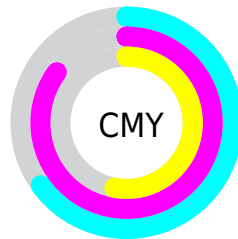
- Red (35%)
- Green (15%)
- Blue (47%)



- Red (35%)
- Yellow (15%)
- Blue (47%)



- Cyan (26%)
- Magenta (69%)
- Yellow (0%)
- Black (53%)



- Cyan (65%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5970, 28.2997, 23.1554 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 61.5970, 28.2997, 23.1554 by changing the saturation by 10% instead.

61.5970, 28.2997,
23.1554

61.5970, 28.2997,
23.1554

255.0000, 0.0000,
0.0000

36.0100, 28.5891,
23.6702

112.2490, 29.4572,
25.2146

19.3420, 24.9744,
16.3631

138.0750, 30.0360,
26.2442

8.6470, 18.9080,
2.0636

165.0150, 31.0516,
27.1738

3.4370, 10.6306,
-3.0142

192.6130, 30.7568,
28.4034

0.0000, 0.0000,
0.0000

217.7200, 18.3790,
31.8176

234.4550, 10.1287,

18.0180

250.8910, 2.0257,
3.6036

61.5970, 28.2997,
23.1554

61.5970, 28.2997,
23.1554

53.3570, 32.3620,
26.8739

69.8370, 24.2374,
19.4370

44.8180, 36.5717,
29.9776

78.3760, 20.0276,
16.3332

36.5780, 40.6340,
33.6961

86.6160, 15.9653,
12.6148

35.6920, 41.0708,
33.5961

95.1550, 11.7556,
9.5111

103.3950, 7.6933,
5.7926

■ 111.3470, 3.7729,
3.2037

■ 119.5870, -0.2894,
-0.5148

■ 128.1260, -4.4991,
-3.6185

■ 136.3660, -8.5614,
-7.3370

Harmonies

Analogous

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



50.7070, 44.5144, -44.4700



61.5970, 28.2997, 23.1554



45.8260, 17.8338, 66.8046

Triad

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



61.5970, 28.2997, 23.1554



58.6190, -28.8992, 29.2751



55.2480, 13.6817, -48.4525

Complementary

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



61.5970, 28.2997, 23.1554



94.4030, -28.2997, -23.1554

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.



49.7590, -4.8112, -43.6386



61.5970, 28.2997, 23.1554



55.7850, -27.5020, 1.0656

Square

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



61.5970, 28.2997, 23.1554



52.3050, -25.7864, 57.6145



43.4380, -21.4149, -38.0951



58.8790, 30.1327, -51.6369

Rectangle

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



61.5970, 28.2997, 23.1554



45.1400, 4.8610, 74.4222



43.4380, -21.4149, -38.0951



53.6520, 7.5666, -47.0528

Sweetspot

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



61.5970, 28.2997, 23.1554



132.7420, 11.4662, 8.9963



64.5450, 26.8463, -24.1570



65.1670, 6.8197, 5.9925



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.



61.5970, 28.2997, 23.1554



65.0390, 44.8438, 36.7998



69.7260, 19.3621, 43.2133



54.5810, 2.1786, 1.2445



36.6320, 42.0864, 34.5257



74.8450, 86.3514, 70.2959

Inverse Universe

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



65.0520, 1.4534, 47.3124



70.4560, 2.2402, 75.0221



86.2740, -19.3621, -43.2133



55.0220, -0.0108, 3.4887



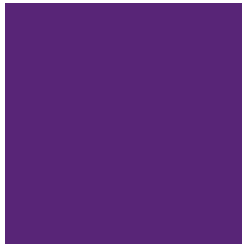
41.7220, 2.1091, 70.4038



85.4660, 4.2073, 144.2963

Previews

White Background



This preview shows how the YUV color 61.5970, 28.2997, 23.1554 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 61.5970, 28.2997, 23.1554 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 61.5970, 28.2997, 23.1554 Background



This preview shows how black text looks on a background with the YUV color 61.5970, 28.2997, 23.1554.



This preview shows how white text looks on a background with the YUV color 61.5970, 28.2997,

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

61.5970, 28.2997, 23.1554

Protanopia

49.6980, 38.1099, -43.5851

Deuteranopia

49.7490, 30.6897, -43.6299



Tritanopia

63.0340, -1.4958, 13.1252

Trichromacy



Original Color

61.5970, 28.2997, 23.1554

Protanomaly

54.2280, 34.3976, -19.4940

Deuteranomaly

54.3760, 29.8876, -19.6238

Tritanomaly

62.5150, 9.1131, 17.0883

Monochromacy



Original Color

61.5970, 28.2997, 23.1554

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8020, 10.4506, 8.0666

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5970, 28.2997, 23.1554 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(88, 37, 119)` looks like.

```
.text, #text, p{  
    color:rgb(88, 37, 119)  
}
```

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(88, 37, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 37, 119) }
```

Border

The CSS property to change the border of an element to YUV 61.5970, 28.2997, 23.1554 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(88, 37, 119) }
```


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

```
.border{ border-color:rgb(88, 37, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 37, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 37, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 37, 119);  
box-shadow:4px 4px 4px 4px rgb(88, 37,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 61.5970, 28.2997, 23.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 37, 119) }
```

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

```
.background{ background-color: rgb(88, 37,  
119) }
```

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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