

Converting Colors

YUV(62.8100, 28.6877, 38.7546)

Have a look what the booklet for
YUV(62.8100, 28.6877, 38.7546)
contains.

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Color

**YUV(62.8100, 28.6877,
38.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	6B1D79
RGB	107, 29, 121
RGB Percent	42%, 11%, 47%
CMY	0.5804, 0.8863, 0.5255
CMYK	0.12, 0.76, 0.00, 0.53
HSL	291°, 61%, 29%
HSV	291°, 76%, 47%
XYZ	9.9540, 5.3850, 18.6039
YIQ	62.8100, 16.9560, 45.1480

Conversions

Conversions Part 2

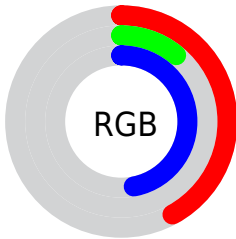
Format	Color
R_{YB}	107, 29, 121
Decimal	7019897
CIE _{Lab}	27.80, 46.87, -35.45
CIE _{LCh}	28, 58.767, 322.892
Yxy	5.3850, 0.2933, 0.1586
Android (android.graphics.Color)	4285209977 (0xFF6B1D79)
YUV	62.8100, 28.6877, 38.7546
Hunter-Lab	23.2056, 35.9571, -31.2889

Details

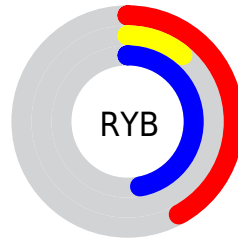
The YUV color **62.8100, 28.6877, 38.7546** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **87.1900, -28.6877, -38.7546**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1090, 28.5403, 39.3694**, and **24.6530, 23.3421, 26.6143** is the 20% darker color. If you saturate the color by 10%, you get **55.1680, 32.4552, 43.7027**, and if you desaturate by 10%, it is **70.4520, 24.9202, 33.8066**.

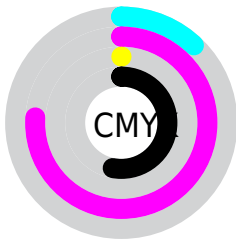
Distribution



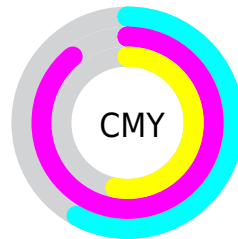
- Red (42%)
- Green (11%)
- Blue (47%)



- Red (42%)
- Yellow (11%)
- Blue (47%)



- Cyan (12%)
- Magenta (76%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (89%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8100, 28.6877, 38.7546 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 62.8100, 28.6877, 38.7546 by changing the saturation by 10% instead.

62.8100, 28.6877,
38.7546

62.8100, 28.6877,
38.7546

255.0000, 0.0000,
0.0000

35.1630, 29.9926,
40.1990

116.1090, 28.5403,
39.3694

24.6530, 23.3421,
26.6143

142.9350, 29.1190,
40.3990

15.4530, 16.5387,
15.3887

170.0600, 29.5504,
42.0434

3.6650, 11.5042,
-3.2142

197.4300, 28.3820,
43.4729

0.0000, 0.0000,
0.0000

216.2580, 19.0998,
33.9767

233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

62.8100, 28.6877,
38.7546

62.8100, 28.6877,
38.7546

55.1680, 32.4552,
43.7027

70.4520, 24.9202,
33.8066

47.5260, 36.2227,
48.6507

78.0940, 21.1527,
28.8586

44.5910, 37.6696,
51.2247

85.7360, 17.3852,
23.9105

93.0790, 13.7651,
18.3477

100.7210, 9.9975,
13.3997

■ 108.9500, 5.9407,
7.9369

■ 116.5920, 2.1731,
2.9888

■ 124.2340, -1.5944,
-1.9592

■ 131.8760, -5.3619,
-6.9073

Harmonies

Analogous

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



54.7230, 46.9716, -39.2221



62.8100, 28.6877, 38.7546



49.8550, 13.8755, 76.4262

Triad

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



62.8100, 28.6877, 38.7546



62.1300, -30.6301, 24.4420



60.7080, 19.3710, -53.2409

Complementary

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



62.8100, 28.6877, 38.7546



87.1900, -28.6877, -38.7546

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.



54.7630, -0.8692, -48.0272



62.8100, 28.6877, 38.7546



57.2030, -28.2011, -8.0710

Square

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



62.8100, 28.6877, 38.7546



57.6100, -28.4017, 56.4700



46.9600, -23.1513, -41.1839



63.8660, 36.5481, -56.0105

Rectangle

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



62.8100, 28.6877, 38.7546



47.7450, 0.6187, 81.7846



46.9600, -23.1513, -41.1839



58.9980, 12.8190, -51.7412

Sweetspot

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



62.8100, 28.6877, 38.7546



135.3730, 11.1551, 15.4589



48.2930, 35.8446, -16.9200



65.1890, 6.8088, 9.4812



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.



62.8100, 28.6877, 38.7546



66.8940, 44.9153, 60.6060



63.4620, 13.0832, 50.4608



57.1790, 1.8838, 2.4740



45.9440, 38.9746, 52.6691



92.7140, 78.5280, 106.3678

Inverse Universe

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



58.1040, -7.4463, 55.1598



59.5640, -11.6171, 86.3284



86.5380, -13.0832, -50.4608



56.9080, -0.4476, 3.5887



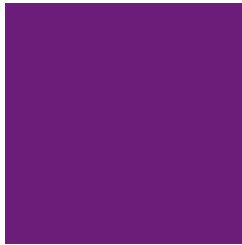
39.5410, -10.1267, 74.9475



79.6800, -20.5482, 151.1246

Previews

White Background



This preview shows how the YUV color 62.8100, 28.6877, 38.7546 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

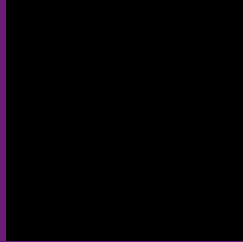
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8100, 28.6877, 38.7546

Background



This preview shows how black text looks on a background with the YUV color 62.8100, 28.6877, 38.7546.



This preview shows how white text looks on a background with the YUV color 62.8100, 28.6877,

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

62.8100, 28.6877, 38.7546

Protanopia

53.7730, 41.0309, -47.1589

Deuteranopia

62.2950, 25.9836, -27.4457



Tritanopia

67.2100, -5.0335, 27.8798

Trichromacy



Original Color

62.8100, 28.6877, 38.7546

Protanomaly

57.1190, 36.4233, -15.8904

Deuteranomaly

62.6770, 26.7812, -3.2247

Tritanomaly

65.4460, 7.1751, 32.0579

Monochromacy



Original Color

62.8100, 28.6877, 38.7546

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1340, 10.2869, 13.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8100, 28.6877, 38.7546 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(107, 29, 121)` looks like.

```
.text, #text, p{  
    color:rgb(107, 29, 121)  
}
```

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(107, 29, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 29, 121) }
```

Border

The CSS property to change the border of an element to YUV 62.8100, 28.6877, 38.7546 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(107, 29, 121) }
```


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

```
.border{ border-color:rgb(107, 29, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 29, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 29, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 29, 121);  
box-shadow:4px 4px 4px 4px rgb(107, 29,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 62.8100, 28.6877, 38.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 29, 121) }
```

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

```
.background{ background-color: rgb(107, 29,  
121) }
```

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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