

Converting Colors

YUV(61.1820, 21.1093, 42.8134)

Have a look what the booklet for
YUV(61.1820, 21.1093, 42.8134)
contains.

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Color

**YUV(61.1820, 21.1093,
42.8134)**

Conversions

Conversions Part 1

Format	Color
Hex	6E1C68
RGB	110, 28, 104
RGB Percent	43%, 11%, 41%
CMY	0.5686, 0.8902, 0.5922
CMYK	0.00, 0.75, 0.05, 0.57
HSL	304°, 59%, 27%
HSV	304°, 75%, 43%
XYZ	9.3444, 5.1450, 13.5973
YIQ	61.1820, 24.4760, 41.0200

Conversions

Conversions Part 2

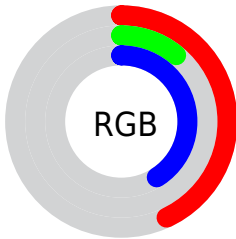
Format	Color
R_{YB}	110, 28, 104
Decimal	7216232
CIE _{Lab}	27.14, 44.80, -25.58
CIE _{LCh}	27, 51.591, 330.274
Yxy	5.1450, 0.3327, 0.1832
Android (android.graphics.Color)	4285406312 (0xFF6E1C68)
YUV	61.1820, 21.1093, 42.8134
Hunter-Lab	22.6825, 33.8408, -19.6642

Details

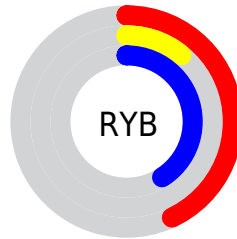
The YUV color **61.1820, 21.1093, 42.8134** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **76.8180, -21.1093, -42.8134**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3670, 20.5251, 43.5281**, and **24.0250, 15.7637, 30.6731** is the 20% darker color. If you saturate the color by 10%, you get **54.6110, 23.8558, 48.5762**, and if you desaturate by 10%, it is **67.7530, 18.3628, 37.0506**.

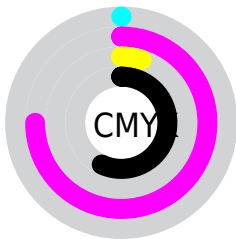
Distribution



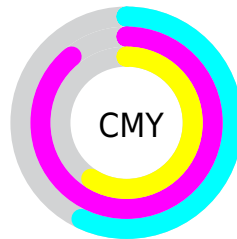
- Red (43%)
- Green (11%)
- Blue (41%)



- Red (43%)
- Yellow (11%)
- Blue (41%)



- Cyan (0%)
- Magenta (75%)
- Yellow (5%)
- Black (57%)



- Cyan (57%)
- Magenta (89%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.1820, 21.1093, 42.8134 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 61.1820, 21.1093, 42.8134 by changing the saturation by 10% instead.

61.1820, 21.1093,
42.8134

61.1820, 21.1093,
42.8134

255.0000, 0.0000,
0.0000

34.2360, 22.5617,
43.6430

114.3670, 20.5251,
43.5281

24.0250, 15.7637,
30.6731

141.0790, 20.6671,
44.6577

15.0530, 9.8339,
19.2475

168.0900, 20.6616,
46.4021

0.9120, 3.4944,
-0.7998

195.9160, 21.2404,
47.4317

0.0000, 0.0000,
0.0000

215.6710, 19.3892,
34.4915

232.1070, 11.2862,

20.0772

249.1300, 2.8939,
5.1480

61.1820, 21.1093,
42.8134

61.1820, 21.1093,
42.8134

54.6110, 23.8558,
48.5762

67.7530, 18.3628,
37.0506

48.0400, 26.6023,
54.3389

74.3240, 15.6163,
31.2879

44.5180, 28.3386,
57.4277

80.7810, 12.4330,
25.6251

87.3520, 9.6865,
19.8623

93.9230, 6.9400,
14.0995

■ 100.4940, 4.1935,
8.3368

■ 107.0650, 1.4470,
2.5740

■ 113.5220, -1.7363,
-3.0888

■ 120.0930, -4.4828,
-8.8516

Harmonies

Analogous

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



63.3160, 34.3542, -5.5391



61.1820, 21.1093, 42.8134



46.3940, 9.6658, 73.3225

Triad

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



61.1820, 21.1093, 42.8134



60.6020, -29.8768, 16.1350



59.2890, 21.5495, -51.9965

Complementary

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



61.1820, 21.1093, 42.8134



76.8180, -21.1093, -42.8134

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.



54.1420, 4.3670, -47.4825



61.1820, 21.1093, 42.8134



54.8110, -27.0218, -12.9892

Square

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



61.1820, 21.1093, 42.8134



59.5930, -29.3793, 43.3299



48.1800, -13.3997, -42.2539



60.9480, 35.5216, -53.4514

Rectangle

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



61.1820, 21.1093, 42.8134



49.0120, -4.4429, 71.9035



48.1800, -13.3997, -42.2539



57.9210, 16.3079, -50.7967

Sweetspot

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



61.1820, 21.1093, 42.8134



123.9880, 8.3869, 16.6735



38.8430, 35.0804, -5.1243



60.3200, 4.7722, 9.3664



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.



61.1820, 21.1093, 42.8134



67.4250, 32.8215, 66.2793



56.6220, 3.6374, 46.8125



52.4780, 1.7363, 3.0888



48.5340, 30.7957, 62.6757



99.9590, 63.6172, 128.9550

Inverse Universe

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



61.1820, 21.1093, 42.8134



67.4250, 32.8215, 66.2793



81.3780, -3.6374, -46.8125



52.4780, 1.7363, 3.0888



48.5340, 30.7957, 62.6757



99.9590, 63.6172, 128.9550

Previews

White Background



This preview shows how the YUV color 61.1820, 21.1093, 42.8134 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

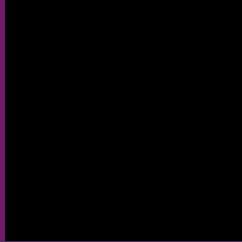
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.1820, 21.1093, 42.8134

Background



This preview shows how black text looks on a background with the YUV color 61.1820, 21.1093, 42.8134.



This preview shows how white text looks on a background with the YUV color 61.1820, 21.1093,

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

61.1820, 21.1093, 42.8134

Protanopia

52.3710, 40.7361, -45.9294

Deuteranopia

64.3910, 17.0622, -12.6209



Tritanopia

64.3850, -7.0918, 34.7424

Trichromacy



Original Color

61.1820, 21.1093, 42.8134

Protanomaly

55.4460, 33.7971, -13.5461

Deuteranomaly

63.5660, 18.4550, 7.3966

Tritanomaly

63.1540, 3.3751, 37.5759

Monochromacy



Original Color

61.1820, 21.1093, 42.8134

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1620, 7.8081, 15.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.1820, 21.1093, 42.8134 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(110, 28, 104)` looks like.

```
.text, #text, p{  
    color:rgb(110, 28, 104)  
}
```

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(110, 28, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 28, 104) }
```

Border

The CSS property to change the border of an element to YUV 61.1820, 21.1093, 42.8134 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(110, 28, 104) }
```


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

```
.border{ border-color:rgb(110, 28, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 28, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 28, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 28, 104);  
box-shadow:4px 4px 4px 4px rgb(110, 28,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 61.1820, 21.1093, 42.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 28, 104) }
```

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

```
.background{ background-color: rgb(110, 28,  
104) }
```

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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