

Converting Colors

YUV(61.4020, 27.4098, 28.5884)

Have a look what the booklet for
YUV(61.4020, 27.4098, 28.5884)
contains.

YUV(61.4020, 27.4098, 28.5884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(61.4020, 27.4098,
28.5884)**

Conversions

Conversions Part 1

Format	Color
Hex	5E2275
RGB	94, 34, 117
RGB Percent	37%, 13%, 46%
CMY	0.6314, 0.8667, 0.5412
CMYK	0.20, 0.71, 0.00, 0.54
HSL	283°, 55%, 30%
HSV	283°, 71%, 46%
XYZ	8.3990, 4.8081, 17.3150
YIQ	61.4020, 9.1170, 38.5330

Conversions

Conversions Part 2

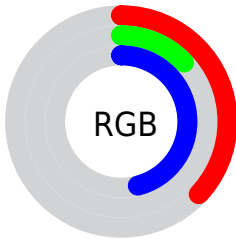
Format	Color
RYB	94, 34, 117
Decimal	6169205
CIELab	26.18, 40.89, -35.63
CIElCh	26, 54.237, 318.934
Yxy	4.8081, 0.2752, 0.1575
Android (android.graphics.Color)	4284359285 (0xFF5E2275)
YUV	61.4020, 27.4098, 28.5884
Hunter-Lab	21.9274, 29.9993, -31.4693

Details

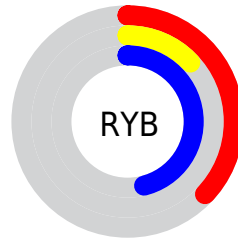
The YUV color **61.4020, 27.4098, 28.5884** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **89.5980, -27.4098, -28.5884**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.6410, 28.2780, 30.1328**, and **20.9080, 23.2164, 20.2517** is the 20% darker color. If you saturate the color by 10%, you get **53.4610, 31.3247, 32.9217**, and if you desaturate by 10%, it is **69.3430, 23.4949, 24.2552**.

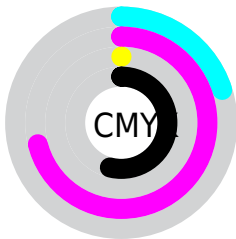
Distribution



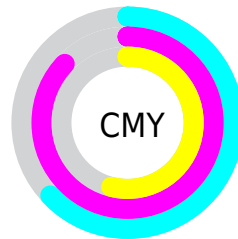
- Red (37%)
- Green (13%)
- Blue (46%)



- Red (37%)
- Yellow (13%)
- Blue (46%)



- Cyan (20%)
- Magenta (71%)
- Yellow (0%)
- Black (54%)



- Cyan (63%)
- Magenta (87%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.4020, 27.4098, 28.5884 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 61.4020, 27.4098, 28.5884 by changing the saturation by 10% instead.

61.4020, 27.4098,
28.5884

61.4020, 27.4098,
28.5884

255.0000, 0.0000,
0.0000

33.7550, 28.7148,
30.0329

112.6410, 28.2780,
30.1328

20.9080, 23.2164,
20.2517

138.7660, 28.7094,
31.7772

11.1100, 16.7078,
7.7965

165.5920, 29.2881,
32.8068

3.2090, 9.7570,
-2.8143

193.1190, 30.0143,
33.2216

0.0000, 0.0000,
0.0000

216.8450, 18.8104,
33.4619

233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

61.4020, 27.4098,
28.5884

61.4020, 27.4098,
28.5884

53.4610, 31.3247,
32.9217

69.3430, 23.4949,
24.2552

46.1070, 34.9502,
36.7402

76.6970, 19.8694,
20.4367

38.7530, 38.5758,
40.5586

84.9370, 15.8071,
16.7183

92.8780, 11.8921,
12.3850

100.8190, 7.9772,
8.0517

■ 108.1730, 4.3517,
4.2333

■ 116.4130, 0.2894,
0.5148

■ 124.3540, -3.6255,
-3.8185

■ 131.7080, -7.2510,
-7.6369

Harmonies

Analogous

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



50.1200, 44.8038, -43.9552



61.4020, 27.4098, 28.5884



46.6800, 15.9338, 69.5636

Triad

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



61.4020, 27.4098, 28.5884



59.1950, -29.1831, 27.0160



56.4050, 15.5763, -49.4672

Complementary

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



61.4020, 27.4098, 28.5884



89.5980, -27.4098, -28.5884

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.



50.9160, -2.9166, -44.6533



61.4020, 27.4098, 28.5884



55.7630, -27.4912, -2.4232

Square

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



61.4020, 27.4098, 28.5884



53.7670, -26.5071, 55.4553



44.0250, -21.7043, -38.6099



59.9220, 31.5905, -52.5516

Rectangle

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



61.4020, 27.4098, 28.5884



45.3960, 3.2558, 75.9517



44.0250, -21.7043, -38.6099



54.8090, 9.4612, -48.0675

Sweetspot

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



61.4020, 27.4098, 28.5884



131.5250, 10.5872, 10.9406



57.5500, 29.3088, -20.6534



63.4660, 6.6723, 6.6073



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



61.4020, 27.4098, 28.5884



65.9260, 42.9275, 44.7919



66.2270, 16.1571, 44.5279



54.8800, 2.0312, 1.8592



40.2200, 40.3175, 41.9031



82.6190, 82.5188, 86.2801

Inverse Universe

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



61.4390, -2.1884, 48.7270



65.9740, -3.4382, 76.3218



84.7730, -16.1571, -44.5279



54.9080, -0.4476, 3.5887



40.3540, -3.1325, 71.6035



82.6160, -6.7127, 146.7958

Previews

White Background



This preview shows how the YUV color 61.4020, 27.4098, 28.5884 looks on a white background.

Color Contrast Check

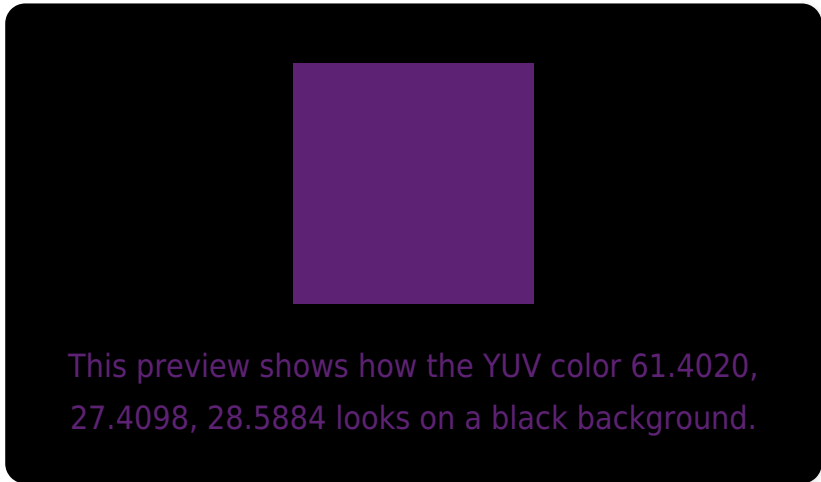
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.4020, 27.4098, 28.5884

Background



This preview shows how black text looks on a background with the YUV color 61.4020, 27.4098, 28.5884.



This preview shows how white text looks on a background with the YUV color 61.4020, 27.4098,

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

61.4020, 27.4098, 28.5884

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

56.0170, 27.5996, -32.4639



Tritanopia

63.7250, -2.8224, 18.6582

Trichromacy



Original Color

61.4020, 27.4098, 28.5884

Protanomaly

54.3530, 34.8290, -17.8496

Deuteranomaly

57.8610, 27.6765, -10.4021

Tritanomaly

62.9070, 7.9338, 22.0066

Monochromacy



Original Color

61.4020, 27.4098, 28.5884

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9980, 9.8610, 10.5258

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4020, 27.4098, 28.5884 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, 34, 117)` looks like.

```
.text, #text, p{  
    color:rgb(94, 34, 117)  
}
```

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, 34, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 34, 117) }
```

Border

The CSS property to change the border of an element to YUV 61.4020, 27.4098, 28.5884 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, 34, 117) }
```


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

```
.border{ border-color:rgb(94, 34, 117) }
```

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

Here you see how a box with a 4 pixel rgb(94, 34, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 34, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 34, 117);  
box-shadow:4px 4px 4px 4px rgb(94, 34,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 61.4020, 27.4098, 28.5884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 34, 117) }
```

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

```
.background{ background-color: rgb(94, 34,  
117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor