

Converting Colors

YUV(61.4360, 22.4631, 28.5586)

Have a look what the booklet for
YUV(61.4360, 22.4631, 28.5586)
contains.

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Color

**YUV(61.4360, 22.4631,
28.5586)**

Conversions

Conversions Part 1

Format	Color
Hex	5E246B
RGB	94, 36, 107
RGB Percent	37%, 14%, 42%
CMY	0.6314, 0.8588, 0.5804
CMYK	0.12, 0.66, 0.00, 0.58
HSL	289°, 50%, 28%
HSV	289°, 66%, 42%
XYZ	7.9008, 4.7030, 14.4013
YIQ	61.4360, 11.7770, 34.3770

Conversions

Conversions Part 2

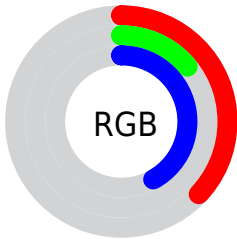
Format	Color
R_{YB}	94, 36, 107
Decimal	6169707
CIE _{Lab}	25.87, 37.73, -29.71
CIE _{LCh}	26, 48.026, 321.786
Yxy	4.7030, 0.2926, 0.1742
Android (android.graphics.Color)	4284359787 (0xFF5E246B)
YUV	61.4360, 22.4631, 28.5586
Hunter-Lab	21.6863, 27.0804, -24.1923

Details

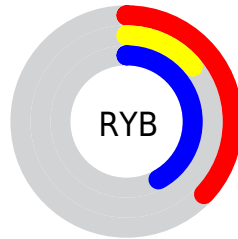
The YUV color **61.4360, 22.4631, 28.5586** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.5640, -22.4631, -28.5586**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9740, 23.1838, 30.7178**, and **20.1810, 19.1378, 21.7663** is the 20% darker color. If you saturate the color by 10%, you get **54.3810, 25.9412, 32.9919**, and if you desaturate by 10%, it is **68.4910, 18.9849, 24.1254**.

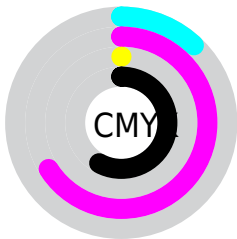
Distribution



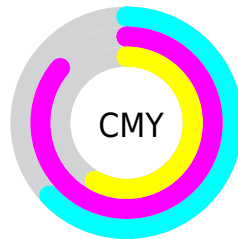
- Red (37%)
- Green (14%)
- Blue (42%)



- Red (37%)
- Yellow (14%)
- Blue (42%)



- Cyan (12%)
- Magenta (66%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (86%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.4360, 22.4631, 28.5586 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 61.4360, 22.4631, 28.5586 by changing the saturation by 10% instead.

61.4360, 22.4631,
28.5586

61.4360, 22.4631,
28.5586

255.0000, 0.0000,
0.0000

35.2620, 23.0418,
29.5882

111.9740, 23.1838,
30.7178

20.1810, 19.1378,
21.7663

137.8000, 23.7626,
31.7474

10.1980, 13.2134,
8.5964

165.2130, 24.0520,
32.2622

2.0690, 5.3890,
-1.8145


192.3380, 24.4834,
33.9066


0.0000, 0.0000,
0.0000


217.4320, 18.5210,
32.9471


233.8680, 10.4181,


18.5328


 250.8910, 2.0257,
3.6036


 61.4360, 22.4631,
28.5586


 61.4360, 22.4631,
28.5586


 54.3810, 25.9412,
32.9919


 68.4910, 18.9849,
24.1254

 47.9130, 29.1299,
36.9103


 74.9590, 15.7962,
20.2070

 40.8580, 32.6080,
41.3435

 82.0140, 12.3181,
15.7737

 38.2110, 33.9130,
42.7880

 89.0690, 8.8400,
11.3405

 96.1240, 5.3619,
6.9073

■ 102.5920, 2.1731,
2.9888

■ 109.6470, -1.3050,
-1.4444

■ 116.7020, -4.7831,
-5.8777

■ 123.1700, -7.9718,
-9.7961

Harmonies

Analogous

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



56.0640, 36.4504, -24.6121



61.4360, 22.4631, 28.5586



51.2460, 10.7247, 60.2973

Triad

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



61.4360, 22.4631, 28.5586



57.9880, -28.5881, 22.8125



55.1170, 15.7183, -48.3376

Complementary

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



61.4360, 22.4631, 28.5586



81.5640, -22.4631, -28.5586

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.



50.3120, -0.1538, -44.1236



61.4360, 22.4631, 28.5586



54.8770, -27.0544, -2.5231

Square

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



61.4360, 22.4631, 28.5586



55.4840, -27.3536, 46.9335



43.8770, -17.1944, -38.4801



57.5910, 30.2746, -50.5073

Rectangle

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



61.4360, 22.4631, 28.5586



47.9450, 0.5201, 66.7002



43.8770, -17.1944, -38.4801



53.7490, 10.4767, -47.1379

Sweetspot

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



61.4360, 22.4631, 28.5586



122.0690, 8.8400, 11.3405



51.7250, 27.2506, -13.7908



60.1240, 5.3619, 6.9073



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.



61.4360, 22.4631, 28.5586



68.2760, 35.3599, 45.3619



62.8150, 10.9372, 38.7502



50.1790, 1.8838, 2.4740



42.0420, 36.9543, 47.3212



87.7300, 77.5341, 98.4608

Inverse Universe

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



58.7110, -4.7875, 42.3495



63.8820, -7.3368, 66.7555



80.1850, -10.9372, -38.7502



49.9080, -0.4476, 3.5887



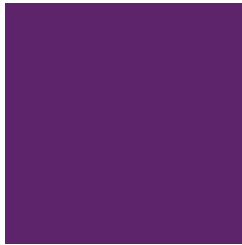
37.3770, -8.0739, 69.8294



78.3850, -16.4588, 146.1214

Previews

White Background



This preview shows how the YUV color 61.4360, 22.4631, 28.5586 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 61.4360, 22.4631, 28.5586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

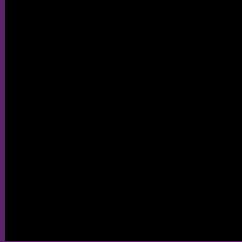
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.4360, 22.4631, 28.5586

Background



This preview shows how black text looks on a background with the YUV color 61.4360, 22.4631, 28.5586.



This preview shows how white text looks on a background with the YUV color 61.4360, 22.4631,

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

61.4360, 22.4631, 28.5586

Protanopia

49.8120, 38.5467, -43.6851

Deuteranopia

59.6720, 20.8677, -19.8833



Tritanopia

62.9210, -3.4121, 21.1173

Trichromacy



Original Color

61.4360, 22.4631, 28.5586

Protanomaly

53.7830, 32.6450, -17.3497

Deuteranomaly

60.3090, 21.5397, -2.0250

Tritanomaly

62.4620, 6.1812, 24.1508

Monochromacy



Original Color

61.4360, 22.4631, 28.5586

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2430, 8.2612, 10.3109

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4360, 22.4631, 28.5586 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, 36, 107)` looks like.

```
.text, #text, p{  
    color:rgb(94, 36, 107)  
}
```

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, 36, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 36, 107) }
```

Border

The CSS property to change the border of an element to YUV 61.4360, 22.4631, 28.5586 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, 36, 107) }
```


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

```
.border{ border-color:rgb(94, 36, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 36, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 36, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 36, 107);  
box-shadow:4px 4px 4px 4px rgb(94, 36,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 61.4360, 22.4631, 28.5586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 36, 107) }
```

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

```
.background{ background-color: rgb(94, 36,  
107) }
```

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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