

Converting Colors

YUV(61.0870, 58.6241, 3.4317)

Have a look what the booklet for
YUV(61.0870, 58.6241, 3.4317)
contains.

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Color

**YUV(61.0870, 58.6241,
3.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	4124B4
RGB	65, 36, 180
RGB Percent	25%, 14%, 71%
CMY	0.7451, 0.8588, 0.2941
CMYK	0.64, 0.80, 0.00, 0.29
HSL	252°, 67%, 42%
HSV	252°, 80%, 71%
XYZ	11.0491, 5.6809, 43.6942
YIQ	61.0870, -28.9400, 50.9320

Conversions

Conversions Part 2

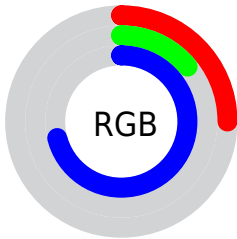
Format	Color
R_{YB}	65, 36, 180
Decimal	4269236
CIE _{Lab}	28.59, 51.81, -70.64
CIE _{LCh}	29, 87.603, 306.262
Yxy	5.6809, 0.1829, 0.0940
Android (android.graphics.Color)	4282459316 (0xFF4124B4)
YUV	61.0870, 58.6241, 3.4317
Hunter-Lab	23.8345, 41.0374, -92.0079




Details

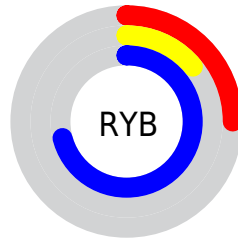
The YUV color **61.0870, 58.6241, 3.4317** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **154.9130, -58.6241, -3.4317**, and the grayscale version is **61.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **115.4730, 59.9128, 10.1092**, and **14.3640, 55.0365, -12.5972** is the 20% darker color. If you saturate the color by 10%, you get **46.3350, 65.8968, 4.0912**, and if you desaturate by 10%, it is **75.8390, 51.3514, 2.7722**.

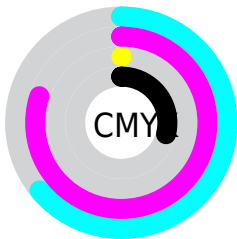
Distribution







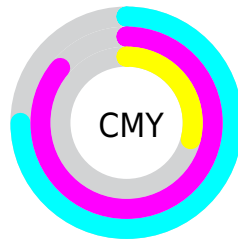
-  Red (25%)
-  Green (14%)
-  Blue (71%)






-  Red (25%)
-  Yellow (14%)
-  Blue (71%)



-  Cyan (64%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (75%)
-  Magenta (86%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.0870, 58.6241, 3.4317 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 61.0870, 58.6241, 3.4317 by changing the saturation by 10% instead.

■ 61.0870, 58.6241,
3.4317

■ 61.0870, 58.6241,
3.4317

■ 255.0000, 0.0000,
0.0000

■ 29.2000, 60.5404,
-4.5604

■ 115.4730, 59.9128,
10.1092

■ 14.3640, 55.0365,
-12.5972

■ 141.1700, 56.1182,
13.8829

■ 11.4000, 43.6798,
-9.9978

■ 165.9890, 43.8824,
18.4266

■ 12.6590, 30.7341,
-11.1019

■ 190.8080, 31.6467,
22.9704

■ 8.1620, 21.1191,
-7.1581

■ 215.6270, 19.4109,
27.5141

■ 4.4800, 12.0884,
-3.9290

■ 235.0420, 9.8393,

■ 0.0000, 0.0000,

17.5032

0.0000

251.4780, 1.7363,
3.0888

61.0870, 58.6241,
3.4317

61.0870, 58.6241,
3.4317

46.3350, 65.8968,
4.0912

75.8390, 51.3514,
2.7722

31.2840, 73.3170,
4.1359

90.8900, 43.9312,
2.7275

105.6420, 36.6585,
2.0680

120.6930, 29.2384,
2.0232

135.4450, 21.9656,
1.3637

■ 150.1970, 14.6929,
0.7042

■ 165.2480, 7.2727,
0.6595

■ 180.0000, 0.0000,
0.0000

■ 194.7520, -7.2727,
-0.6595

Harmonies

Analogous

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



67.6230, 68.7129, -59.3054



61.0870, 58.6241, 3.4317



59.5840, 31.7571, 81.0488

Triad

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



61.0870, 58.6241, 3.4317



59.9690, -29.5647, 56.1552



62.0640, 9.3354, -54.4301

Complementary

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



61.0870, 58.6241, 3.4317



154.9130, -58.6241, -3.4317

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.



51.6560, -25.4664, -45.3023



61.0870, 58.6241, 3.4317



62.3190, -30.7233, 7.6132

Square

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



61.0870, 58.6241, 3.4317



48.4380, -23.8799, 99.5939



48.7210, -24.0195, -42.7283



70.2890, 38.3115, -61.6435

Rectangle

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



61.0870, 58.6241, 3.4317



60.4340, 9.1530, 97.8434



48.7210, -24.0195, -42.7283



58.7410, -0.8583, -51.5159

Sweetspot

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



61.0870, 58.6241, 3.4317



188.0860, 23.1286, 1.6786



119.9210, 29.6189, -73.5987



88.9690, 13.8193, 0.9042



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



61.0870, 58.6241, 3.4317



48.5180, 91.9356, 5.6847



82.6150, 48.0108, 47.6956



81.6240, 3.6364, 0.3298



26.7110, 62.2605, 3.7615



4.4590, 10.6197, 0.4745

Inverse Universe

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



92.1660, 29.0052, 77.0304



97.0940, 45.3097, 120.9436



133.3850, -48.0108, -47.6956



83.4890, 1.7309, 4.8331



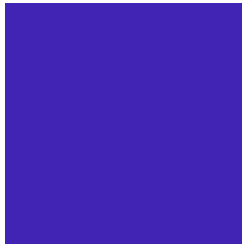
59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 61.0870, 58.6241, 3.4317 looks on a white background.

Color Contrast Check

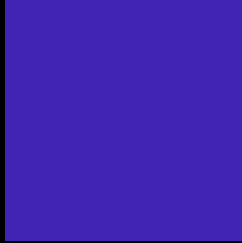
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.0870, 58.6241, 3.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

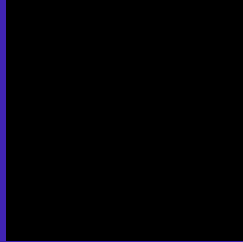
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.0870, 58.6241, 3.4317

Background



This preview shows how black text looks on a background with the YUV color 61.0870, 58.6241, 3.4317.



This preview shows how white text looks on a background with the YUV color 61.0870, 58.6241,

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

61.0870, 58.6241, 3.4317

Protanopia

53.7730, 41.0309, -47.1589

Deuteranopia

54.4280, 30.8480, -47.7334



Tritanopia

53.2590, 13.6763, -46.7081

Trichromacy



Original Color

61.0870, 58.6241, 3.4317

Protanomaly

56.3160, 47.6652, -28.3411

Deuteranomaly

57.1820, 40.8293, -29.1006

Tritanomaly

56.3210, 29.9147, -28.3455

Monochromacy



Original Color

61.0870, 58.6241, 3.4317

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9180, 21.2394, 0.9489

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.0870, 58.6241, 3.4317 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(65, 36, 180)` looks like.

```
.text, #text, p{  
    color:rgb(65, 36, 180)  
}
```

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(65, 36, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 36, 180) }
```

Border

The CSS property to change the border of an element to YUV 61.0870, 58.6241, 3.4317 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(65, 36, 180) }
```


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

```
.border{ border-color:rgb(65, 36, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 36, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 36, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 36, 180);  
box-shadow:4px 4px 4px 4px rgb(65, 36,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 61.0870, 58.6241, 3.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 36, 180) }
```

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

```
.background{ background-color: rgb(65, 36,  
180) }
```

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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