

Converting Colors

YUV(61.8750, 19.7816, 1.8636)

Have a look what the booklet for
YUV(61.8750, 19.7816, 1.8636)
contains.

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Color

**YUV(61.8750, 19.7816,
1.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	403566
RGB	64, 53, 102
RGB Percent	25%, 21%, 40%
CMY	0.7490, 0.7922, 0.6000
CMYK	0.37, 0.48, 0.00, 0.60
HSL	253°, 32%, 30%
HSV	253°, 48%, 40%
XYZ	5.7857, 4.5955, 13.1525
YIQ	61.8750, -9.1730, 17.5710

Conversions

Conversions Part 2

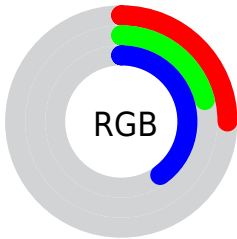
Format	Color
RYB	64, 53, 102
Decimal	4207974
CIELab	25.55, 17.59, -27.23
CIELCh	26, 32.418, 302.868
Yxy	4.5955, 0.2458, 0.1953
Android (android.graphics.Color)	4282398054 (0xFF403566)
YUV	61.8750, 19.7816, 1.8636
Hunter-Lab	21.4371, 10.6609, -21.3706

Details

The YUV color **61.8750, 19.7816, 1.8636** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **93.1250, -19.7816, -1.8636**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.2280, 21.0866, 3.3080**, and **17.2230, 18.6241, -0.1956** is the 20% darker color. If you saturate the color by 10%, you get **53.6130, 23.8548, 2.0934**, and if you desaturate by 10%, it is **70.1370, 15.7085, 1.6339**.

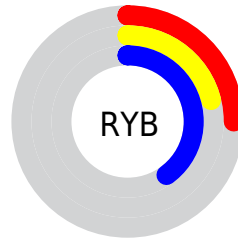
Distribution



Red (25%)

Green (21%)

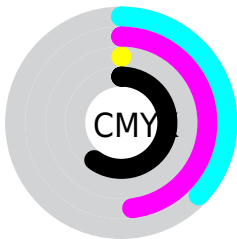
Blue (40%)



Red (25%)

Yellow (21%)

Blue (40%)

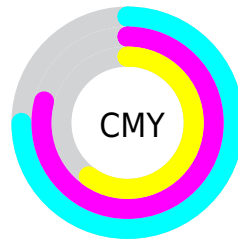


Cyan (37%)

Magenta (48%)

Yellow (0%)

Black (60%)



Cyan (75%)

Magenta (79%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8750, 19.7816, 1.8636 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 61.8750, 19.7816, 1.8636 by changing the saturation by 10% instead.

■ 61.8750, 19.7816,
1.8636

■ 61.8750, 19.7816,
1.8636

■ 255.0000, 0.0000,
0.0000

■ 39.6360, 18.9135,
0.3192

■ 110.2280, 21.0866,
3.3080

■ 17.2230, 18.6241,
-0.1956

■ 135.7550, 21.8128,
3.7229

■ 4.9360, 13.8356,
-4.3289

■ 162.2820, 22.5390,
4.1377

■ 0.6840, 2.6208,
-0.5999

■ 188.8090, 23.2652,
4.5525

■ 0.0000, 0.0000,
0.0000

■ 215.7830, 19.3340,
5.4523

■ 240.8900, 6.9562,

8.8665

■ 61.8750, 19.7816,
1.8636

■ 61.8750, 19.7816,
1.8636

■ 53.6130, 23.8548,
2.0934

■ 70.1370, 15.7085,
1.6339

■ 45.3510, 27.9280,
2.3232

■ 78.3990, 11.6353,
1.4041

■ 36.5020, 32.2905,
3.0677

■ 87.2480, 7.2727,
0.6595

■ 28.2400, 36.3637,
3.2975

■ 95.5100, 3.1996,
0.4297

■ 19.9780, 40.4368,
3.5273

■ 103.7720, -0.8736,
0.2000

■ 18.5050, 41.1630,
3.9421

■ 111.7350, -4.7994,
-0.6446

■ 119.9970, -8.8725,
-0.8744

■ 128.8460,
-13.2351, -1.6189

■ 137.1080,
-17.3082, -1.8487

Harmonies

Analogous

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



49.5210, 29.8161, -43.4299



61.8750, 19.7816, 1.8636



61.6240, 10.5384, 26.6398

Triad

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



61.8750, 19.7816, 1.8636



58.9700, -21.1842, 28.0903



49.3320, 6.2453, -43.2642

Complementary

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



61.8750, 19.7816, 1.8636



93.1250, -19.7816, -1.8636

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.



46.1940, -4.5326, -39.6351



61.8750, 19.7816, 1.8636



57.0190, -25.6454, 12.2613

Square

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



61.8750, 19.7816, 1.8636



58.8540, -11.7600, 38.7160



54.9070, -19.1812, -7.8114



52.1820, 17.1653, -45.7636

Rectangle

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



61.8750, 19.7816, 1.8636



60.4420, 3.2331, 36.4464



54.9070, -19.1812, -7.8114



48.4200, 2.7509, -42.4643

Sweetspot

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



61.8750, 19.7816, 1.8636



117.3620, 7.7095, 0.5595



80.8920, 10.4062, -24.4613



57.1510, 4.3626, 0.7446



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



61.8750, 19.7816, 1.8636



69.8610, 31.1275, 2.7529



69.0510, 16.2439, 16.6183



46.8690, 2.0366, 0.1149



20.8840, 46.3992, 4.4867



43.7340, 97.7451, 9.0033

Inverse Universe

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



71.9830, 9.3754, 26.3249



85.7490, 14.4207, 41.4391



85.9490, -16.2439, -16.6183



47.9510, 1.0102, 2.6740



44.5310, 21.9232, 61.8013



93.7900, 46.4455, 129.9802

Previews

White Background



This preview shows how the YUV color 61.8750, 19.7816, 1.8636 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 61.8750, 19.7816, 1.8636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

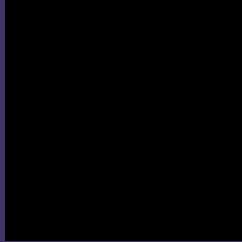
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.8750, 19.7816, 1.8636

Background



This preview shows how black text looks on a background with the YUV color 61.8750, 19.7816, 1.8636.



This preview shows how white text looks on a background with the YUV color 61.8750, 19.7816,

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

61.8750, 19.7816, 1.8636

Protanopia

58.3070, 24.4986, -17.8092

Deuteranopia

57.6720, 20.8677, -19.8833



Tritanopia

60.0750, 2.9210, -3.5738

Trichromacy



Original Color

61.8750, 19.7816, 1.8636

Protanomaly

59.5960, 22.8772, -11.0467

Deuteranomaly

59.3140, 20.5512, -11.6764

Tritanomaly

60.6930, 9.0254, -1.4848

Monochromacy



Original Color

61.8750, 19.7816, 1.8636

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2480, 7.2727, 0.6595

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8750, 19.7816, 1.8636 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(64, 53, 102)` looks like.

```
.text, #text, p{  
    color:rgb(64, 53, 102)  
}
```

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(64, 53, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 53, 102) }
```

Border

The CSS property to change the border of an element to YUV 61.8750, 19.7816, 1.8636 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(64, 53, 102) }
```


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

```
.border{ border-color:rgb(64, 53, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 53, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 53, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 53, 102);  
box-shadow:4px 4px 4px 4px rgb(64, 53,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 61.8750, 19.7816, 1.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 53, 102) }
```

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

```
.background{ background-color: rgb(64, 53,  
102) }
```

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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