

Converting Colors

YUV(63.4920, 27.3654, -3.9395)

Have a look what the booklet for
YUV(63.4920, 27.3654, -3.9395)
contains.

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Color

**YUV(63.4920, 27.3654,
-3.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3777
RGB	59, 55, 119
RGB Percent	23%, 22%, 47%
CMY	0.7686, 0.7843, 0.5333
CMYK	0.50, 0.54, 0.00, 0.53
HSL	244°, 37%, 34%
HSV	244°, 54%, 47%
XYZ	6.4996, 4.9941, 18.0742
YIQ	63.4920, -18.1600, 20.7520

Conversions

Conversions Part 2

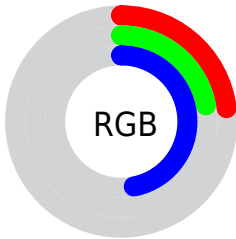
Format	Color
R_{YB}	59, 55, 119
Decimal	3880823
CIE _{Lab}	26.72, 20.34, -36.26
CIE _{LCh}	27, 41.578, 299.282
Yxy	4.9941, 0.2198, 0.1689
Android (android.graphics.Color)	4282070903 (0xFF3B3777)
YUV	63.4920, 27.3654, -3.9395
Hunter-Lab	22.3475, 12.8073, -32.3093

Details

The YUV color **63.4920, 27.3654, -3.9395** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **110.5080, -27.3654, 3.9395**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.6710, 29.2492, -1.4655**, and **15.9100, 26.6664, -13.0761** is the 20% darker color. If you saturate the color by 10%, you get **53.1590, 32.4596, -4.5244**, and if you desaturate by 10%, it is **73.8250, 22.2713, -3.3545**.

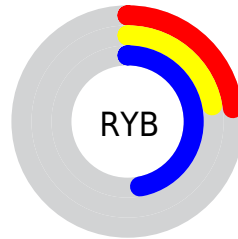
Distribution



Red (23%)

Green (22%)

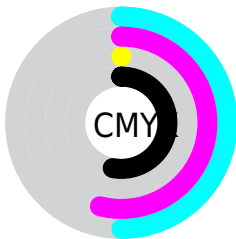
Blue (47%)



Red (23%)

Yellow (22%)

Blue (47%)

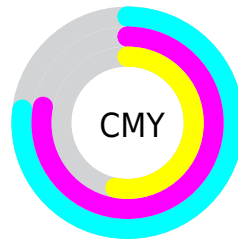


Cyan (50%)

Magenta (54%)

Yellow (0%)

Black (53%)



Cyan (77%)

Magenta (78%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.4920, 27.3654, -3.9395 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 63.4920, 27.3654, -3.9395 by changing the saturation by 10% instead.

■ 63.4920, 27.3654,
-3.9395

■ 63.4920, 27.3654,
-3.9395

■ 255.0000, 0.0000,
0.0000

■ 40.5410, 26.3553,
-6.6135

■ 112.6710, 29.2492,
-1.4655

■ 15.9100, 26.6664,
-13.0761

■ 138.1980, 29.9754,
-1.0506

■ 5.3580, 20.5295,
-4.6990

■ 164.8390, 31.1384,
-0.7358

■ 3.4370, 10.6306,
-3.0142

■ 192.1380, 30.9910,
-0.1210

■ 0.0000, 0.0000,
0.0000

■ 216.6580, 18.9026,
3.8079

■ 241.7650, 6.5249,

7.2221

■ 63.4920, 27.3654,
-3.9395

■ 63.4920, 27.3654,
-3.9395

■ 53.1590, 32.4596,
-4.5244

■ 73.8250, 22.2713,
-3.3545

■ 42.8260, 37.5538,
-5.1094

■ 84.1580, 17.1771,
-2.7696

■ 32.4930, 42.6480,
-5.6944

■ 94.4910, 12.0829,
-2.1846

■ 21.8610, 47.8895,
-6.8941

■ 105.1230, 6.8414,
-0.9849

■ 15.6590, 50.9471,
-7.5939

■ 114.8690, 2.0366,
0.1149

■ 125.2020, -3.0576,
0.6998

■ 135.5350, -8.1518,
1.2848

■ 145.8680,
-13.2459, 1.8698

■ 156.2010,
-18.3401, 2.4547

Harmonies

Analogous

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



53.8070, 36.0841, -47.1887



63.4920, 27.3654, -3.9395



63.7370, 15.9057, 31.8027

Triad

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



63.4920, 27.3654, -3.9395



59.7170, -27.4685, 37.0822



52.1530, 4.3616, -45.7382

Complementary

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



63.4920, 27.3654, -3.9395



110.5080, -27.3654, 3.9395

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.



47.2170, -9.4740, -41.4093



63.4920, 27.3654, -3.9395



59.7160, -29.4400, 16.0351

Square

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



63.4920, 27.3654, -3.9395



58.8170, -12.2348, 51.0265



55.1430, -27.1855, -7.1414



55.8010, 18.3391, -48.9375

Rectangle

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



63.4920, 27.3654, -3.9395



60.3600, 7.7105, 47.0423



55.1430, -27.1855, -7.1414



50.8990, -0.4432, -44.6384

Sweetspot

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



63.4920, 27.3654, -3.9395



134.1490, 10.7725, -1.8847



98.1030, 10.3022, -37.8013



66.0090, 6.4046, -0.8849



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



63.4920, 27.3654, -3.9395



67.7210, 43.5215, -5.8943



72.7610, 22.7958, 15.1186



53.6840, 2.6208, -0.5999



16.3000, 52.1101, -7.2791



33.2840, 106.8410, -15.1581

Inverse Universe

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



80.9760, 16.7738, 33.3470



95.3280, 26.4603, 53.2093



101.2390, -22.7958, -15.1186



55.3640, 1.2995, 3.1888



49.5880, 32.2481, 63.5053



101.4260, 65.3590, 130.2994

Previews

White Background



This preview shows how the YUV color 63.4920, 27.3654, -3.9395 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 63.4920, 27.3654, -3.9395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

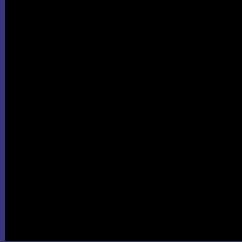
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.4920, 27.3654, -3.9395

Background



This preview shows how black text looks on a background with the YUV color 63.4920, 27.3654, -3.9395.



This preview shows how white text looks on a background with the YUV color 63.4920, 27.3654,

-3.9395.

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

63.4920, 27.3654, -3.9395

Protanopia

56.4500, 34.2882, -31.0897

Tritanopia

60.9920, 5.4269, -14.0250

Trichromacy



Original Color

63.4920, 27.3654, -3.9395

Protanomaly

59.1200, 31.4928, -21.1532

Tritanomaly

62.0770, 13.2730, -10.5915

Monochromacy



Original Color

63.4920, 27.3654, -3.9395

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2200, 9.7515, -1.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.4920, 27.3654, -3.9395 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(59, 55, 119)` looks like.

```
.text, #text, p{  
    color:rgb(59, 55, 119)  
}
```

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(59, 55, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 55, 119) }
```

Border

The CSS property to change the border of an element to YUV 63.4920, 27.3654, -3.9395 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(59, 55, 119) }
```

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

```
.border{ border-color:rgb(59, 55, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 55, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 55, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 55, 119);  
box-shadow:4px 4px 4px 4px rgb(59, 55,  
119) }
```


Background

The CSS property to change the background color of an element to YUV 63.4920, 27.3654, -3.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 55, 119) }
```

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

```
.background{ background-color: rgb(59, 55,  
119) }
```

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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