

Converting Colors

YUV(61.9320, 9.8935, 0.0596)

Have a look what the booklet for
YUV(61.9320, 9.8935, 0.0596)
contains.

YUV(61.9320, 9.8935, 0.0596)	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(61.9320, 9.8935,
0.0596)**

Conversions

Conversions Part 1

Format	Color
Hex	3E3A52
RGB	62, 58, 82
RGB Percent	24%, 23%, 32%
CMY	0.7569, 0.7725, 0.6784
CMYK	0.24, 0.29, 0.00, 0.68
HSL	250°, 17%, 27%
HSV	250°, 29%, 32%
XYZ	5.0227, 4.6594, 8.6173
YIQ	61.9320, -5.3200, 8.3120

Conversions

Conversions Part 2

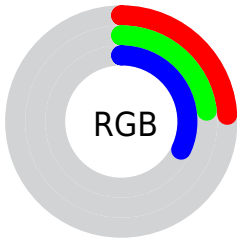
Format	Color
RYB	62, 58, 82
Decimal	4078162
CIELab	25.74, 7.71, -13.90
CIELCh	26, 15.895, 299.013
Yxy	4.6594, 0.2745, 0.2546
Android (android.graphics.Color)	4282268242 (0xFF3E3A52)
YUV	61.9320, 9.8935, 0.0596
Hunter-Lab	21.5857, 3.7590, -8.5593

Details

The YUV color $[61.9320, 9.8935, 0.0596]$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $[78.0680, -9.8935, -0.0596]$, and the grayscale version is $[62.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[109.4590, 10.6197, 0.4745]$, and $[19.2910, 8.7305, -0.2552]$ is the 20% darker color. If you saturate the color by 10%, you get $[55.1430, 13.2405, -0.1254]$, and if you desaturate by 10%, it is $[68.7210, 6.5465, 0.2447]$.

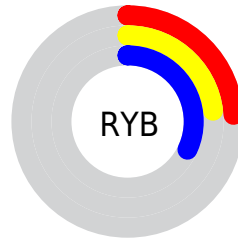
Distribution



Red (24%)

Green (23%)

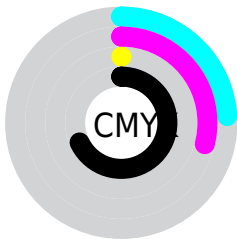
Blue (32%)



Red (24%)

Yellow (23%)

Blue (32%)

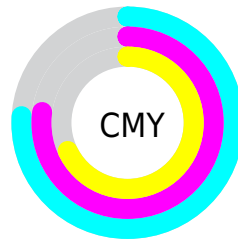


Cyan (24%)

Magenta (29%)

Yellow (0%)

Black (68%)



Cyan (76%)

Magenta (77%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9320, 9.8935, 0.0596 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 61.9320, 9.8935, 0.0596 by changing the saturation by 10% instead.

■ 61.9320, 9.8935,
0.0596

■ 61.9320, 9.8935,
0.0596

■ 255.0000, 0.0000,
0.0000

■ 39.8180, 9.4567,
0.1596

■ 109.4590, 10.6197,
0.4745

■ 19.2910, 8.7305,
-0.2552

■ 134.6870, 11.4933,
0.2745

■ 2.2970, 6.2626,
-2.0145

■ 161.1000, 11.7827,
0.7893

■ 0.0000, 0.0000,
0.0000

■ 188.1000, 11.7827,
0.7893

■ 216.2140, 12.2195,
0.6893

■ 242.6180, 6.1043,

2.0890

■ 61.9320, 9.8935,
0.0596

■ 61.9320, 9.8935,
0.0596

■ 55.1430, 13.2405,
-0.1254

■ 68.7210, 6.5465,
0.2447

■ 48.3540, 16.5875,
-0.3105

■ 75.5100, 3.1996,
0.4297

■ 41.2770, 20.0764,
0.6341

■ 82.5870, -0.2894,
-0.5148

■ 34.4880, 23.4234,
0.4490

■ 89.3760, -3.6364,
-0.3298

■ 27.6990, 26.7704,
0.2640

■ 96.1650, -6.9833,
-0.1447

■ 20.9100, 30.1174,
0.0789

■ 102.9540,
-10.3303, 0.0403

■ 14.1210, 33.4643,
-0.1061

■ 109.7430,
-13.6773, 0.2254

■ 13.5340, 33.7537,
0.4087

■ 117.1190,
-17.3137, -0.1044

■ 123.6090,
-20.5132, -0.5341

Harmonies

Analogous

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



59.2400, 12.6997, -13.3655



61.9320, 9.8935, 0.0596



62.8580, 5.4930, 11.5255

Triad

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



61.9320, 9.8935, 0.0596



61.1670, -9.9423, 15.6395



55.4270, 2.2545, -23.1765

Complementary

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



61.9320, 9.8935, 0.0596



78.0680, -9.8935, -0.0596

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.



57.0710, -4.4720, -12.3403



61.9320, 9.8935, 0.0596



60.3680, -11.5204, 8.4473

Square

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



61.9320, 9.8935, 0.0596



62.2260, -6.0274, 19.9728



59.1710, -9.4513, -1.9040



53.5170, 9.1121, -29.3944

Rectangle

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



61.9320, 9.8935, 0.0596



62.5660, 1.6930, 17.0436



59.1710, -9.4513, -1.9040



55.5800, 0.2071, -19.8027

Sweetspot

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



61.9320, 9.8935, 0.0596



98.7380, 4.0732, 0.2298



72.4760, 4.6953, -12.6955



48.9830, 2.4734, 0.0149



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



61.9320, 9.8935, 0.0596



76.0120, 15.2771, -0.0105



65.5200, 8.1246, 7.4370



37.4560, 1.7472, -0.3999



17.0530, 43.3579, -0.0465



38.1090, 95.5883, 0.7814

Inverse Universe

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



67.4560, 5.1982, 12.7551



84.5970, 8.0867, 19.6474



74.4800, -8.1246, -7.4370



38.5380, 0.7208, 2.1592



41.3130, 22.5237, 55.8535



91.3700, 50.1036, 123.3325

Previews

White Background



This preview shows how the YUV color 61.9320, 9.8935, 0.0596 looks on a white background.

Color Contrast Check

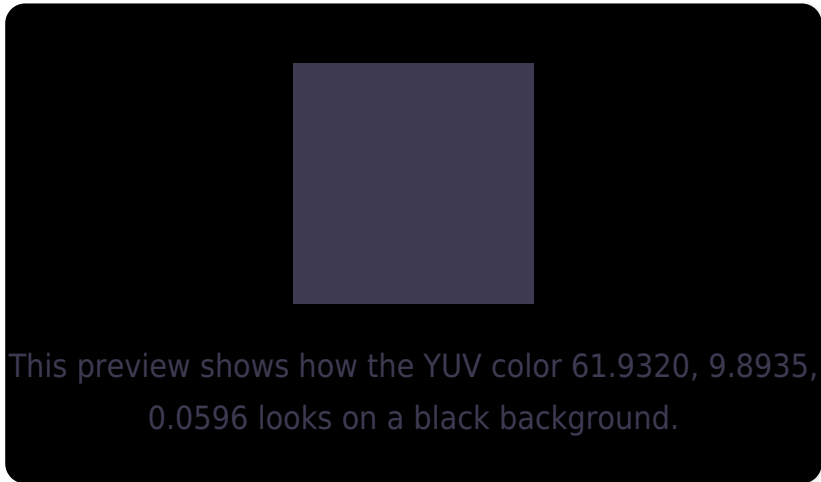
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.9320, 9.8935, 0.0596

Background



This preview shows how black text looks on a background with the YUV color 61.9320, 9.8935, 0.0596.



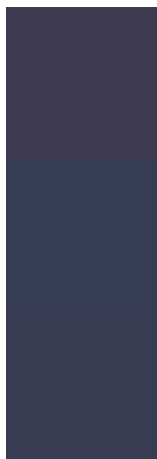
This preview shows how white text looks on a background with the YUV color 61.9320, 9.8935,

0.0596.

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

61.9320, 9.8935, 0.0596

Protanopia

60.9420, 11.3676, -6.0881

Deuteranopia

61.3120, 10.1992, -4.6586



Tritanopia

60.9720, 2.4788, -1.7294

Trichromacy



Original Color

61.9320, 9.8935, 0.0596

Protanomaly

61.1380, 10.7780, -3.6290

Deuteranomaly

61.3230, 10.1938, -2.9143

Tritanomaly

61.3680, 5.2416, -1.1997

Monochromacy



Original Color

61.9320, 9.8935, 0.0596

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2110, 3.3470, -0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9320, 9.8935, 0.0596 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(62, 58, 82)` looks like.

```
.text, #text, p{  
    color:rgb(62, 58, 82)  
}
```

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(62, 58, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 58, 82) }
```

Border

The CSS property to change the border of an element to YUV 61.9320, 9.8935, 0.0596 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(62, 58, 82) }
```


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

```
.border{ border-color:rgb(62, 58, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 58, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 58, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 58, 82);  
box-shadow:4px 4px 4px 4px rgb(62, 58, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.9320, 9.8935, 0.0596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 58, 82) }
```

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

```
.background{ background-color: rgb(62, 58,  
82) }
```

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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