

Converting Colors

YUV(77.1920, 35.8943, 13.8636)

Have a look what the booklet for
YUV(77.1920, 35.8943, 13.8636)
contains.

YUV(77.1920, 35.8943, 13.8636)	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(77.1920, 35.8943,
13.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3796
RGB	93, 55, 150
RGB Percent	36%, 22%, 59%
CMY	0.6353, 0.7843, 0.4118
CMYK	0.38, 0.63, 0.00, 0.41
HSL	264°, 46%, 40%
HSV	264°, 63%, 59%
XYZ	11.3854, 7.2615, 29.6557
YIQ	77.1920, -7.8470, 37.6010

Conversions

Conversions Part 2

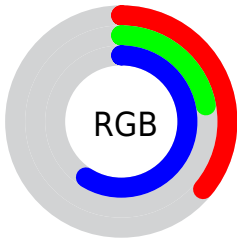
Format	Color
R_{YB}	93, 55, 150
Decimal	6109078
CIE Lab	32.40, 37.88, -46.20
CIE LCh	32, 59.743, 309.344
Yxy	7.2615, 0.2357, 0.1503
Android (android.graphics.Color)	4284299158 (0xFF5D3796)
YUV	77.1920, 35.8943, 13.8636
Hunter-Lab	26.9472, 28.2599, -46.3861

Details

The YUV color **77.1920, 35.8943, 13.8636** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **127.8080, -35.8943, -13.8636**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3710, 37.7781, 16.3376**, and **26.9420, 35.0316, 10.5749** is the 20% darker color. If you saturate the color by 10%, you get **65.6960, 41.5619, 16.0526**, and if you desaturate by 10%, it is **88.6880, 30.2268, 11.6746**.

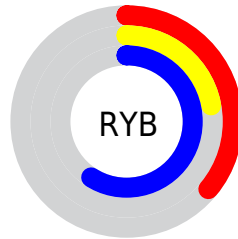
Distribution



Red (36%)

Green (22%)

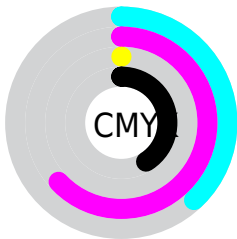
Blue (59%)



Red (36%)

Yellow (22%)

Blue (59%)

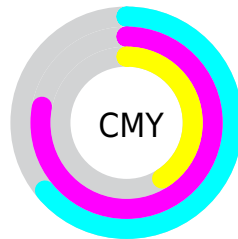


Cyan (38%)

Magenta (63%)

Yellow (0%)

Black (41%)



Cyan (64%)

Magenta (78%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1920, 35.8943, 13.8636 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 77.1920, 35.8943, 13.8636 by changing the saturation by 10% instead.

■ 77.1920, 35.8943,
13.8636

■ 77.1920, 35.8943,
13.8636

■ 255.0000, 0.0000,
0.0000

■ 52.6540, 35.1736,
11.7044

■ 128.3710, 37.7781,
16.3376

■ 26.9420, 35.0316,
10.5749

■ 155.1970, 38.3569,
17.3672

■ 11.7250, 30.7016,
-0.6358

■ 181.3390, 36.3149,
18.9967

■ 5.7000, 21.8399,
-4.9989

■ 205.8590, 24.2265,
22.9257

■ 4.3660, 11.6516,
-3.8290

■ 229.1720, 12.7332,
22.6512

■ 0.0000, 0.0000,
0.0000

■ 246.1950, 4.3409,

7.7220

■ 77.1920, 35.8943,
13.8636

■ 77.1920, 35.8943,
13.8636

■ 65.6960, 41.5619,
16.0526

■ 88.6880, 30.2268,
11.6746

■ 54.2000, 47.2294,
18.2416

■ 100.1840, 24.5593,
9.4856

■ 42.7040, 52.8969,
20.4306

■ 111.6800, 18.8918,
7.2966

■ 35.0400, 56.6753,
21.8899

■ 123.1760, 13.2242,
5.1076

■ 134.6720, 7.5567,
2.9187

■ 146.1680, 1.8892,
0.7297

■ 157.6640, -3.7784,
-1.4593

■ 169.1600, -9.4459,
-3.6483

■ 180.6560,
-15.1134, -5.8373

Harmonies

Analogous

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



65.2800, 52.1200, -57.2506



77.1920, 35.8943, 13.8636



65.8520, 21.7650, 65.9048

Triad

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



77.1920, 35.8943, 13.8636



71.6870, -35.3417, 42.3705



66.6120, 11.5303, -58.4187

Complementary

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



77.1920, 35.8943, 13.8636



127.8080, -35.8943, -13.8636

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.



59.7380, -9.7308, -52.3902



77.1920, 35.8943, 13.8636



70.5920, -34.8019, 9.1278

Square

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



77.1920, 35.8943, 13.8636



64.9630, -23.6458, 71.0694



58.5220, -28.8513, -32.9068



71.1550, 31.4756, -62.4029

Rectangle

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



77.1920, 35.8943, 13.8636



55.0520, 11.8064, 86.7774



58.5220, -28.8513, -32.9068



64.2010, 4.8309, -56.3043

Sweetspot

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



77.1920, 35.8943, 13.8636



165.7030, 13.9504, 5.5225



99.2890, 25.0005, -38.8415



80.1990, 8.2829, 3.3335



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



77.1920, 35.8943, 13.8636



81.1000, 55.6597, 20.9603



91.5440, 28.8188, 43.3729



68.6950, 2.6154, 1.1445



32.1770, 52.1707, 20.0158



2.3360, 3.7784, 1.4593

Inverse Universe

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



89.9030, 10.8938, 52.7051



100.9850, 16.7694, 81.5742



113.7550, -28.9662, -42.7581



69.5490, 0.7153, 3.9035



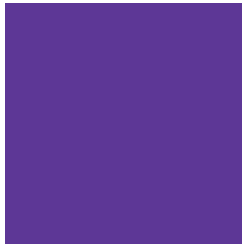
50.7240, 15.9121, 76.5411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 77.1920, 35.8943, 13.8636 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 77.1920, 35.8943, 13.8636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

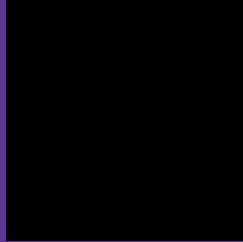
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1920, 35.8943, 13.8636

Background



This preview shows how black text looks on a background with the YUV color 77.1920, 35.8943, 13.8636.



This preview shows how white text looks on a background with the YUV color 77.1920, 35.8943,

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

77.1920, 35.8943, 13.8636

Protanopia

61.3360, 47.1624, -53.7917

Deuteranopia

61.4040, 37.2688, -53.8513



Tritanopia

76.5810, 2.1786, 1.2445

Trichromacy



Original Color

77.1920, 35.8943, 13.8636

Protanomaly

67.0510, 42.8659, -28.9857

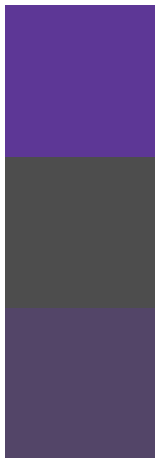
Deuteranomaly

67.4440, 36.7561, -29.3304

Tritanomaly

76.8170, 14.3872, 5.4225

Monochromacy



Original Color

77.1920, 35.8943, 13.8636

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1760, 13.2242, 5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1920, 35.8943, 13.8636 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(93, 55, 150)` looks like.

```
.text, #text, p{  
    color:rgb(93, 55, 150)  
}
```

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(93, 55, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 55, 150) }
```

Border

The CSS property to change the border of an element to YUV 77.1920, 35.8943, 13.8636 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(93, 55, 150) }
```


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

```
.border{ border-color:rgb(93, 55, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 55, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 55, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 55, 150);  
box-shadow:4px 4px 4px 4px rgb(93, 55,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 77.1920, 35.8943, 13.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 55, 150) }
```

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

```
.background{ background-color: rgb(93, 55,  
150) }
```

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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