

Converting Colors

YUV(52.5990, 25.3407, 38.9397)

Have a look what the booklet for
YUV(52.5990, 25.3407, 38.9397)
contains.

YUV(52.5990, 25.3407, 38.9397)	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(52.5990, 25.3407,
38.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	611468
RGB	97, 20, 104
RGB Percent	38%, 8%, 41%
CMY	0.6196, 0.9216, 0.5922
CMYK	0.07, 0.81, 0.00, 0.59
HSL	295°, 68%, 24%
HSV	295°, 81%, 41%
XYZ	7.6786, 4.0412, 13.4720
YIQ	52.5990, 18.9280, 42.4480

Conversions

Conversions Part 2

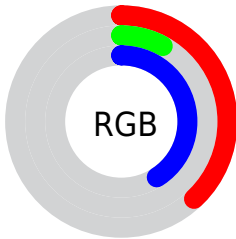
Format	Color
R_{YB}	97, 20, 104
Decimal	6362216
CIE _{Lab}	23.81, 44.57, -31.03
CIE _{LCh}	24, 54.303, 325.154
Yxy	4.0412, 0.3048, 0.1604
Android (android.graphics.Color)	4284552296 (0xFF611468)
YUV	52.5990, 25.3407, 38.9397
Hunter-Lab	20.1027, 33.0019, -25.6619

Details

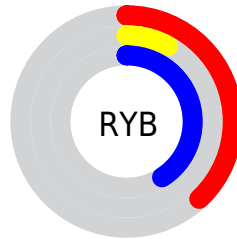
The YUV color **52.5990, 25.3407, 38.9397** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **71.4010, -25.3407, -38.9397**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.4850, 24.9039, 39.0397**, and **20.4370, 17.5326, 23.2958** is the 20% darker color. If you saturate the color by 10%, you get **46.4300, 28.3820, 43.4729**, and if you desaturate by 10%, it is **58.7680, 22.2994, 34.4065**.

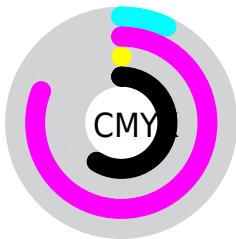
Distribution



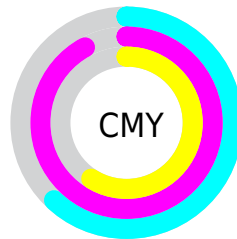
- Red (38%)
- Green (8%)
- Blue (41%)



- Red (38%)
- Yellow (8%)
- Blue (41%)



- Cyan (7%)
- Magenta (81%)
- Yellow (0%)
- Black (59%)



- Cyan (62%)
- Magenta (92%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.5990, 25.3407, 38.9397 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 52.5990, 25.3407, 38.9397 by changing the saturation by 10% instead.

■ 52.5990, 25.3407,
38.9397

■ 52.5990, 25.3407,
38.9397

■ 255.0000, 0.0000,
0.0000

■ 30.3490, 24.4779,
35.6509

■ 105.4850, 24.9039,
39.0397

■ 20.4370, 17.5326,
23.2958

■ 132.1970, 25.0459,
40.1692

■ 9.5570, 12.0504,
8.2815

■ 159.0230, 25.6247,
41.1988

■ 0.9120, 3.4944,
-0.7998

■ 186.7350, 25.7666,
42.3284


■ 0.0000, 0.0000,
0.0000


■ 210.9750, 21.7043,
38.6099


■ 227.4110, 13.6014,


24.1956


 243.8470, 5.4984,
9.7812


 52.5990, 25.3407,
38.9397


 52.5990, 25.3407,
38.9397

 46.4300, 28.3820,
43.4729


 58.7680, 22.2994,
34.4065

 40.2610, 31.4233,
48.0061

 65.5240, 18.9687,
29.3585

 71.6930, 15.9274,
24.8252

 78.1500, 12.7441,
19.1625

 84.3190, 9.7027,
14.6292

■ 90.4880, 6.6614,
10.0960

■ 97.2440, 3.3307,
5.0480

■ 103.4130, 0.2894,
0.5148

■ 110.1690, -3.0413,
-4.5332

Harmonies

Analogous

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



50.6880, 40.0868, -24.2824



52.5990, 25.3407, 38.9397



43.8880, 10.4082, 68.5042

Triad

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



52.5990, 25.3407, 38.9397



53.8350, -26.5407, 19.4387



53.2250, 18.6231, -46.6783

Complementary

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



52.5990, 25.3407, 38.9397



71.4010, -25.3407, -38.9397

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.



47.8500, 0.5670, -41.9644



52.5990, 25.3407, 38.9397



48.6310, -23.9751, -10.2004

Square

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



52.5990, 25.3407, 38.9397



50.4780, -24.8857, 48.6928



41.0900, -20.2574, -36.0359



55.8130, 33.6162, -48.9480

Rectangle

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



52.5990, 25.3407, 38.9397



41.7070, -1.8276, 73.0480



41.0900, -20.2574, -36.0359



51.6290, 12.5079, -45.2786

Sweetspot

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



52.5990, 25.3407, 38.9397



115.3190, 9.7027, 14.6292



33.6850, 34.6653, -12.0017



56.6620, 6.0826, 9.0664



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



52.5990, 25.3407, 38.9397



54.8140, 39.5317, 60.6761



50.7020, 9.0209, 46.7423



48.0650, 1.4470, 2.5740



44.5050, 34.7540, 53.0541



93.9660, 72.9808, 112.2858

Inverse Universe

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



45.9140, -9.3246, 50.9414



44.4230, -14.5055, 79.4360



73.2980, -9.0209, -46.7423



47.4950, -0.7370, 3.0739



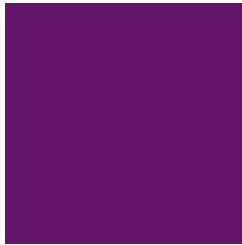
35.5250, -12.5838, 69.6996



74.6380, -26.9365, 146.7765

Previews

White Background



This preview shows how the YUV color 52.5990, 25.3407, 38.9397 looks on a white background.

Color Contrast Check

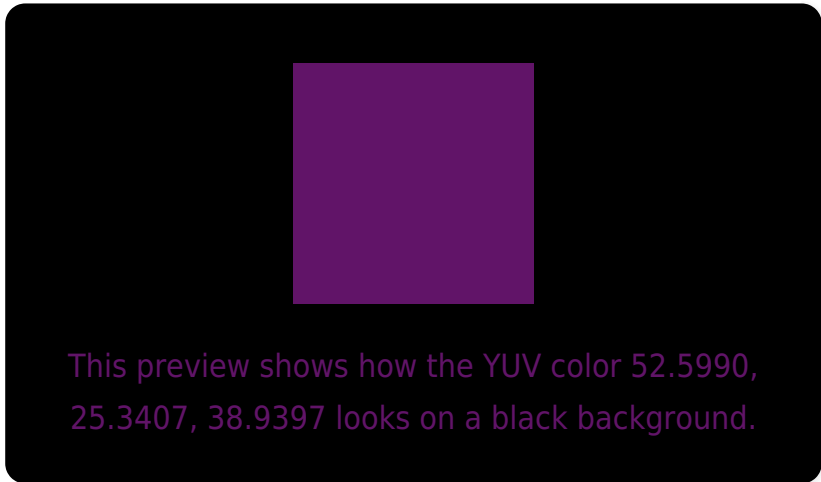
Large Text (above 18pt) WCAG AA ✓ Pass

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

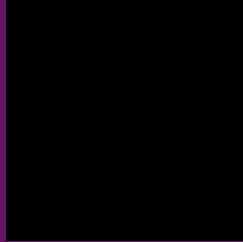
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.5990, 25.3407, 38.9397

Background



This preview shows how black text looks on a background with the YUV color 52.5990, 25.3407, 38.9397.



This preview shows how white text looks on a background with the YUV color 52.5990, 25.3407,

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

52.5990, 25.3407, 38.9397

Protanopia

46.4380, 35.7731, -40.7261

Deuteranopia

55.0740, 21.1625, -21.1129



Tritanopia

58.0960, -5.4703, 27.9798

Trichromacy



Original Color

52.5990, 25.3407, 38.9397

Protanomaly

48.7020, 32.1919, -12.0167

Deuteranomaly

54.2600, 22.5498, 0.6490

Tritanomaly

56.1040, 5.8647, 32.3578

Monochromacy



Original Color

52.5990, 25.3407, 38.9397

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9060, 9.4133, 14.1144

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.5990, 25.3407, 38.9397 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(97, 20, 104)` looks like.

```
.text, #text, p{  
    color:rgb(97, 20, 104)  
}
```

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(97, 20, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 20, 104) }
```

Border

The CSS property to change the border of an element to YUV 52.5990, 25.3407, 38.9397 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(97, 20, 104) }
```


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

```
.border{ border-color:rgb(97, 20, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 20, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 20, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 20, 104);  
box-shadow:4px 4px 4px 4px rgb(97, 20,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 52.5990, 25.3407, 38.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 20, 104) }
```

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

```
.background{ background-color: rgb(97, 20,  
104) }
```

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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