

Converting Colors

YUV(55.9380, 47.8516, 5.3164)

Have a look what the booklet for
YUV(55.9380, 47.8516, 5.3164)
contains.

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Color

**YUV(55.9380, 47.8516,
5.3164)**

Conversions

Conversions Part 1

Format	Color
Hex	3E2299
RGB	62, 34, 153
RGB Percent	24%, 13%, 60%
CMY	0.7569, 0.8667, 0.4000
CMYK	0.59, 0.78, 0.00, 0.40
HSL	254°, 64%, 37%
HSV	254°, 78%, 60%
XYZ	8.3084, 4.4681, 30.5615
YIQ	55.9380, -21.5110, 42.9450

Conversions

Conversions Part 2

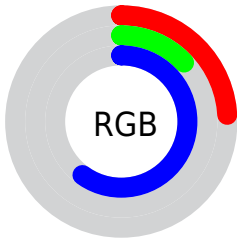
Format	Color
R _Y B	62, 34, 153
Decimal	4072089
CIE Lab	25.16, 44.48, -59.98
CIE LCh	25, 74.672, 306.560
Yxy	4.4681, 0.1917, 0.1031
Android (android.graphics.Color)	4282262169 (0xFF3E2299)
YUV	55.9380, 47.8516, 5.3164
Hunter-Lab	21.1379, 33.1695, -70.9261

Details

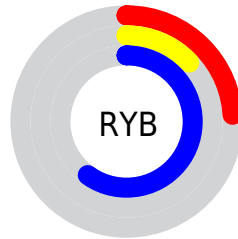
The YUV color **55.9380, 47.8516, 5.3164** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **131.0620, -47.8516, -5.3164**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7260, 49.4351, 10.7643**, and **11.5140, 44.1166, -10.0978** is the 20% darker color. If you saturate the color by 10%, you get **43.5450, 53.9613, 5.6610**, and if you desaturate by 10%, it is **68.3310, 41.7418, 4.9717**.

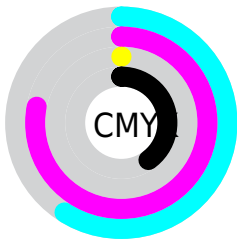
Distribution



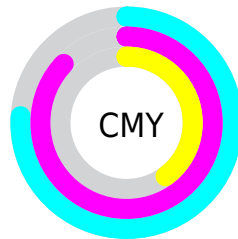
- Red (24%)
- Green (13%)
- Blue (60%)



- Red (24%)
- Yellow (13%)
- Blue (60%)



- Cyan (59%)
- Magenta (78%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (87%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9380, 47.8516, 5.3164 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 55.9380, 47.8516, 5.3164 by changing the saturation by 10% instead.

■ 55.9380, 47.8516,
5.3164

■ 55.9380, 47.8516,
5.3164

■ 255.0000, 0.0000,
0.0000

■ 27.1330, 48.7414,
-0.1166

■ 107.7260, 49.4351,
10.7643

■ 11.5140, 44.1166,
-10.0978

■ 134.3780, 50.5926,
12.8235

■ 8.6640, 33.1966,
-7.5983

■ 160.0640, 46.8034,
14.8529

■ 8.2760, 21.5559,
-7.2581

■ 184.8830, 34.5677,
19.3966

■ 4.5940, 12.5252,
-4.0289

■ 209.4030, 22.4793,
23.3256

■ 0.0000, 0.0000,
0.0000

■ 231.5200, 11.5756,

20.5920

248.5430, 3.1833,
5.6628

55.9380, 47.8516,
5.3164

55.9380, 47.8516,
5.3164

43.5450, 53.9613,
5.6610

68.3310, 41.7418,
4.9717

30.8640, 60.2130,
7.1353

81.0120, 35.4901,
3.4975

28.2060, 61.5234,
6.8353

93.4050, 29.3803,
3.1528

105.7980, 23.2706,
2.8082

118.1910, 17.1608,
2.4635

■ 130.8720, 10.9091,
0.9893

■ 143.2650, 4.7994,
0.6446

■ 155.6580, -1.3104,
0.2999

■ 168.3390, -7.5621,
-1.1743

Harmonies

Analogous

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



58.8060, 57.7766, -51.5729



55.9380, 47.8516, 5.3164



51.2530, 26.9903, 69.9381

Triad

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



55.9380, 47.8516, 5.3164



54.0110, -26.6274, 47.3484



54.4670, 8.1508, -47.7676

Complementary

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



55.9380, 47.8516, 5.3164



131.0620, -47.8516, -5.3164

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.



45.7690, -20.0991, -40.1394



55.9380, 47.8516, 5.3164



55.2310, -27.2289, 6.8134

Square

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



55.9380, 47.8516, 5.3164



41.8600, -20.6370, 86.0688



42.8510, -21.1255, -37.5803



61.4380, 32.3221, -53.8811

Rectangle

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



55.9380, 47.8516, 5.3164



52.1180, 8.3228, 84.0885



42.8510, -21.1255, -37.5803



52.1870, -0.5852, -45.7680

Sweetspot

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



55.9380, 47.8516, 5.3164



161.5330, 18.4712, 2.1636



100.9830, 25.6444, -58.7441



76.8720, 10.9091, 0.9893



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



55.9380, 47.8516, 5.3164



47.9470, 74.4691, 7.9395



73.5790, 39.1546, 41.5882



70.5100, 3.1996, 0.4297



25.8270, 56.2873, 6.2907



2.3790, 5.2362, 0.5446

Inverse Universe

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



79.9550, 22.2072, 64.0605



85.3890, 34.3182, 99.6368



113.4210, -39.1546, -41.5882



72.0760, 1.4415, 4.3183



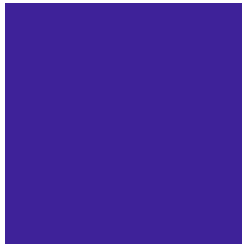
54.0580, 26.1004, 75.3711



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 55.9380, 47.8516, 5.3164 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 55.9380, 47.8516, 5.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

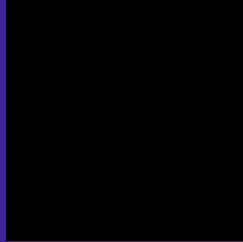
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.9380, 47.8516, 5.3164

Background



This preview shows how black text looks on a background with the YUV color 55.9380, 47.8516, 5.3164.



This preview shows how white text looks on a background with the YUV color 55.9380, 47.8516,

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

55.9380, 47.8516, 5.3164

Protanopia

47.9540, 36.5047, -42.0557

Deuteranopia

48.3640, 27.9215, -42.4152



Tritanopia

54.3110, 8.2277, -25.7057

Trichromacy



Original Color

55.9380, 47.8516, 5.3164

Protanomaly

50.8020, 40.5236, -24.3824

Deuteranomaly

51.3090, 34.8507, -24.8270

Tritanomaly

54.5740, 22.8880, -14.5354

Monochromacy



Original Color

55.9380, 47.8516, 5.3164

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8920, 17.3082, 1.8487

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9380, 47.8516, 5.3164 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, 34, 153)` looks like.

```
.text, #text, p{  
    color:rgb(62, 34, 153)  
}
```

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, 34, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 34, 153) }
```

Border

The CSS property to change the border of an element to YUV 55.9380, 47.8516, 5.3164 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, 34, 153) }
```


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

```
.border{ border-color:rgb(62, 34, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 34, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 34, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 34, 153);  
box-shadow:4px 4px 4px 4px rgb(62, 34,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 55.9380, 47.8516, 5.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 34, 153) }
```

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

```
.background{ background-color: rgb(62, 34,  
153) }
```

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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