

Converting Colors

YUV(51.2400, 6.2907, 35.7465)

Have a look what the booklet for
YUV(51.2400, 6.2907, 35.7465)
contains.

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Color

**YUV(51.2400, 6.2907,
35.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	5C1C40
RGB	92, 28, 64
RGB Percent	36%, 11%, 25%
CMY	0.6392, 0.8902, 0.7490
CMYK	0.00, 0.70, 0.30, 0.64
HSL	326°, 53%, 24%
HSV	326°, 70%, 36%
XYZ	5.7543, 3.4760, 5.2181
YIQ	51.2400, 26.5880, 24.7640

Conversions

Conversions Part 2

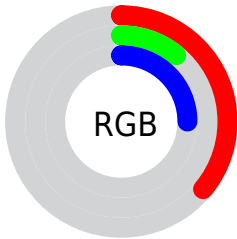
Format	Color
R_{YB}	92, 28, 64
Decimal	6036544
CIE Lab	21.86, 33.15, -7.38
CIE LCh	22, 33.963, 347.458
Yxy	3.4760, 0.3983, 0.2406
Android (android.graphics.Color)	4284226624 (0xFF5C1C40)
YUV	51.2400, 6.2907, 35.7465
Hunter-Lab	18.6440, 22.4654, -3.5435

Details

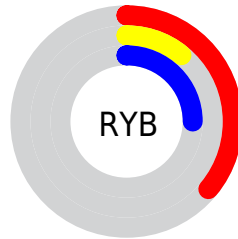
The YUV color **51.2400, 6.2907, 35.7465** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **68.7600, -6.2907, -35.7465**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3220, 5.2643, 38.3056**, and **15.9630, 2.9762, 25.4654** is the 20% darker color. If you saturate the color by 10%, you get **45.5010, 7.1480, 40.7796**, and if you desaturate by 10%, it is **56.9790, 5.4334, 30.7134**.

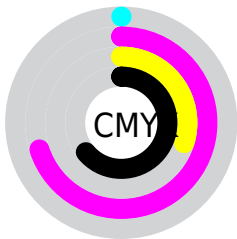
Distribution



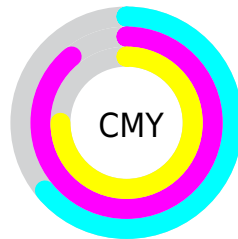
- Red (36%)
- Green (11%)
- Blue (25%)



- Red (36%)
- Yellow (11%)
- Blue (25%)



- Cyan (0%)
- Magenta (70%)
- Yellow (30%)
- Black (64%)



- Cyan (64%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2400, 6.2907, 35.7465 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 51.2400, 6.2907, 35.7465 by changing the saturation by 10% instead.

■ 51.2400, 6.2907,
35.7465

■ 51.2400, 6.2907,
35.7465

■ 255.0000, 0.0000,
0.0000

■ 25.4080, 8.1799,
36.4762

■ 101.3220, 5.2643,
38.3056

■ 15.9630, 2.9762,
25.4654

■ 126.9200, 4.9694,
39.5352

■ 0.0000, 0.0000,
0.0000

■ 152.9310, 4.9640,
41.2795

■ 180.5290, 4.6692,
42.5091

■ 207.3440, 5.2534,
41.7943

■ 227.0860, 9.8176,

24.4806

245.0210, 4.9196,
8.7516

51.2400, 6.2907,
35.7465

51.2400, 6.2907,
35.7465

45.5010, 7.1480,
40.7796

56.9790, 5.4334,
30.7134

39.7620, 8.0053,
45.8127

62.7180, 4.5760,
25.6803

33.4360, 9.1521,
51.3606

69.0440, 3.4293,
20.1324

74.7830, 2.5720,
15.0993

80.5220, 1.7147,
10.0662

■ 86.2610, 0.8573,
5.0331

■ 92.0000, 0.0000,
0.0000

■ 98.3260, -1.1467,
-5.5479

■ 104.0650, -2.0040,
-10.5810

Harmonies

Analogous

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



54.3390, 16.1019, 15.4887



51.2400, 6.2907, 35.7465



49.2980, -5.0769, 41.8347

Triad

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



51.2400, 6.2907, 35.7465



48.1210, -23.7237, 2.5249



47.1270, 20.6434, -41.3304

Complementary

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



51.2400, 6.2907, 35.7465



68.7600, -6.2907, -35.7465

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.



45.2060, 10.7444, -39.6457



51.2400, 6.2907, 35.7465



43.1980, -13.9016, -21.2216

Square

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



51.2400, 6.2907, 35.7465



49.4160, -24.3621, 20.6832



41.6550, -0.3229, -36.5314



45.6740, 27.7687, -40.0561

Rectangle

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



51.2400, 6.2907, 35.7465



49.8000, -13.2124, 37.8864



41.6550, -0.3229, -36.5314



46.3290, 17.5858, -40.6305

Sweetspot

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



51.2400, 6.2907, 35.7465



104.0710, 2.4300, 13.9697



43.6680, 23.8277, 10.8152



51.5110, 1.7201, 8.3219



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



51.2400, 6.2907, 35.7465



56.2840, 9.7200, 55.8789



47.5920, -7.6869, 38.9458



42.8370, 0.5734, 2.7740



39.9580, 10.8667, 61.4268



86.0250, 23.1587, 132.4051

Inverse Universe

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



51.2400, 6.2907, 35.7465



56.2840, 9.7200, 55.8789



72.4080, 7.6869, -38.9458



42.8370, 0.5734, 2.7740



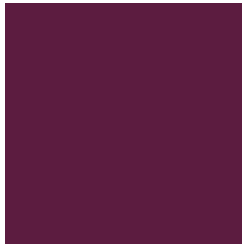
39.9580, 10.8667, 61.4268



86.0250, 23.1587, 132.4051

Previews

White Background



This preview shows how the YUV color 51.2400, 6.2907, 35.7465 looks on a white background.

Color Contrast Check

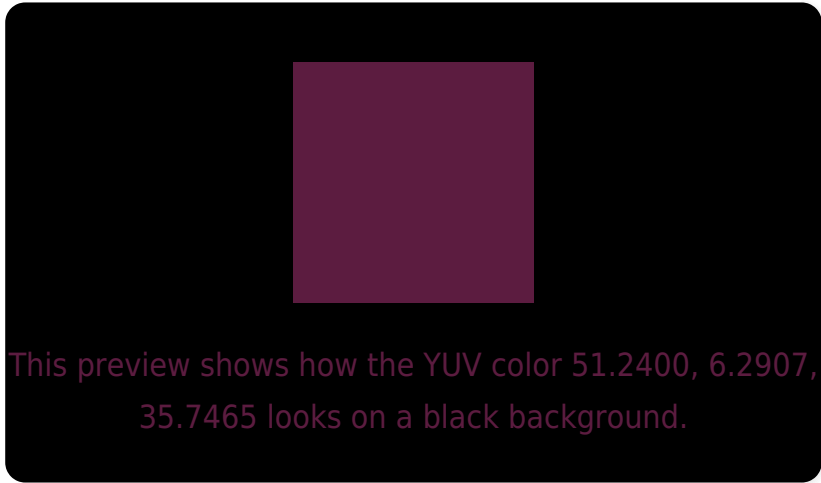
Large Text (above 18pt) WCAG AA ✓ Pass

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

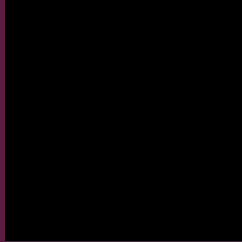
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.2400, 6.2907, 35.7465

Background



This preview shows how black text looks on a background with the YUV color 51.2400, 6.2907, 35.7465.



This preview shows how white text looks on a background with the YUV color 51.2400, 6.2907,

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

51.2400, 6.2907, 35.7465

Protanopia

53.6150, 13.9938, -8.4324

Deuteranopia

54.2220, 3.3416, 1.5593



Tritanopia

51.6730, -7.2338, 33.6128

Trichromacy



Original Color

51.2400, 6.2907, 35.7465

Protanomaly

52.6170, 11.0348, 7.3519

Deuteranomaly

52.9400, 4.4666, 14.0846

Tritanomaly

51.3510, -2.1450, 34.7722

Monochromacy



Original Color

51.2400, 6.2907, 35.7465

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.3590, 2.2880, 12.8402

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2400, 6.2907, 35.7465 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(92, 28, 64)` looks like.

```
.text, #text, p{  
    color:rgb(92, 28, 64)  
}
```

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(92, 28, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 28, 64) }
```

Border

The CSS property to change the border of an element to YUV 51.2400, 6.2907, 35.7465 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(92, 28, 64) }
```


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

```
.border{ border-color:rgb(92, 28, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 28, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 28, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 28, 64);  
box-shadow:4px 4px 4px 4px rgb(92, 28, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.2400, 6.2907, 35.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 28, 64) }
```

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

```
.background{ background-color: rgb(92, 28,  
64) }
```

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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