

Converting Colors

YUV(53.1090, 31.9913, 52.5244)

Have a look what the booklet for
YUV(53.1090, 31.9913, 52.5244)
contains.

YUV(53.1090, 31.9913, 52.5244)	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(53.1090, 31.9913,
52.5244)**

Conversions

Conversions Part 1

Format	Color
Hex	710A76
RGB	113, 10, 118
RGB Percent	44%, 4%, 46%
CMY	0.5569, 0.9608, 0.5373
CMYK	0.04, 0.92, 0.00, 0.54
HSL	297°, 84%, 25%
HSV	297°, 92%, 46%
XYZ	10.1886, 5.0358, 17.5745
YIQ	53.1090, 26.7200, 55.4240

Conversions

Conversions Part 2

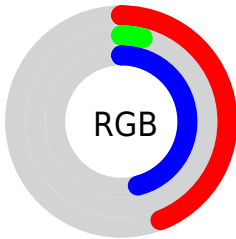
Format	Color
R _Y B	113, 10, 118
Decimal	7408246
CIE Lab	26.84, 52.88, -35.04
CIE LCh	27, 63.432, 326.470
Yxy	5.0358, 0.3106, 0.1535
Android (android.graphics.Color)	4285598326 (0xFF710A76)
YUV	53.1090, 31.9913, 52.5244
Hunter-Lab	22.4406, 41.7726, -30.7251

Details

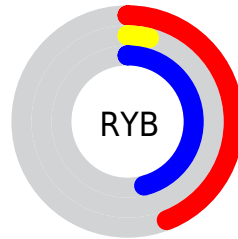
The YUV color **53.1090, 31.9913, 52.5244** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **74.8910, -31.9913, -52.5244**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9900, 29.0919, 49.1208**, and **25.8060, 21.2946, 29.9881** is the 20% darker color. If you saturate the color by 10%, you get **47.2390, 34.8852, 57.6724**, and if you desaturate by 10%, it is **60.4520, 28.3712, 46.9616**.

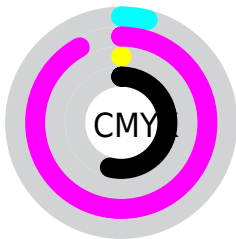
Distribution



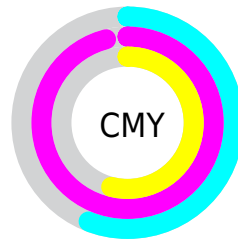
- Red (44%)
- Green (4%)
- Blue (46%)



- Red (44%)
- Yellow (4%)
- Blue (46%)



- Cyan (4%)
- Magenta (92%)
- Yellow (0%)
- Black (54%)



- Cyan (56%)
- Magenta (96%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.1090, 31.9913, 52.5244 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 53.1090, 31.9913, 52.5244 by changing the saturation by 10% instead.

■ 53.1090, 31.9913,
52.5244

■ 53.1090, 31.9913,
52.5244

■ 255.0000, 0.0000,
0.0000

■ 36.3160, 27.9452,
43.5729

■ 111.9900, 29.0919,
49.1208

■ 25.8060, 21.2946,
29.9881

■ 139.2890, 28.9445,
49.7355

■ 16.3070, 14.6386,
18.1478

■ 167.0010, 29.0865,
50.8651

■ 3.3230, 10.1938,
-2.9143


■ 195.1260, 29.5179,
52.5095


■ 0.0000, 0.0000,
0.0000


■ 211.5620, 21.4149,
38.0951


■ 227.9980, 13.3120,


23.6808


 245.0210, 4.9196,
8.7516


 53.1090, 31.9913,
52.5244


 53.1090, 31.9913,
52.5244

 47.2390, 34.8852,
57.6724

 60.4520, 28.3712,
46.9616

 67.4960, 24.8985,
40.7840

 74.2520, 21.5678,
35.7360

 81.2960, 18.0951,
29.5584

 88.6390, 14.4750,
23.9956

■ 95.6830, 11.0023,
17.8180

■ 103.0260, 7.3822,
12.2552

■ 109.4830, 4.1989,
6.5924

■ 116.8260, 0.5788,
1.0296

Harmonies

Analogous

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



55.6150, 47.5178, -27.7264



53.1090, 31.9913, 52.5244



50.2530, 10.2283, 79.5851

Triad

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



53.1090, 31.9913, 52.5244



60.3360, -29.7456, 20.7533



60.2180, 22.5705, -52.8112

Complementary

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



53.1090, 31.9913, 52.5244



74.8910, -31.9913, -52.5244

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.



53.9310, 1.0200, -47.2975



53.1090, 31.9913, 52.5244



53.3160, -26.2848, -16.0631

Square

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



53.1090, 31.9913, 52.5244



55.5390, -27.3807, 55.6553



46.3730, -22.8619, -40.6691



64.0770, 39.8950, -56.1955

Rectangle

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



53.1090, 31.9913, 52.5244



47.3170, -3.6073, 83.9140



46.3730, -22.8619, -40.6691



58.3940, 15.5818, -51.2115

Sweetspot

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



53.1090, 31.9913, 52.5244



128.3350, 12.1598, 19.8772



25.2470, 45.7272, -13.3716



61.7270, 7.5296, 11.6404



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



53.1090, 31.9913, 52.5244



61.0960, 45.3087, 74.4608



49.0180, 9.8511, 60.4972



55.1790, 1.8838, 2.4740



48.8910, 36.0427, 59.7316



99.6620, 74.1166, 121.3224

Inverse Universe

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



42.8620, -13.7360, 65.8960



46.5450, -19.4957, 93.3610



78.9820, -9.8511, -60.4972



54.7940, -0.8844, 3.6887



37.1620, -15.3629, 74.4029



76.1180, -31.6102, 152.4945

Previews

White Background



This preview shows how the YUV color 53.1090, 31.9913, 52.5244 looks on a white background.

Color Contrast Check

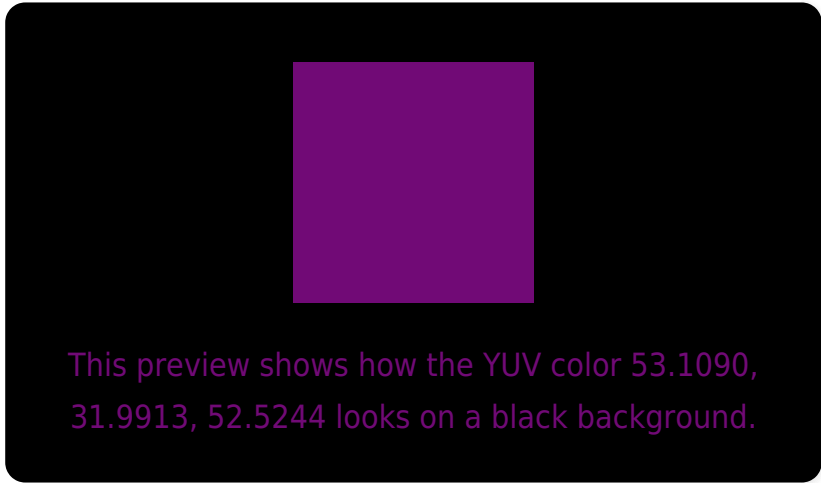
Large Text (above 18pt) WCAG AA ✓ Pass

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

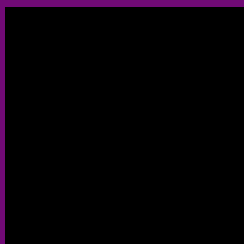
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.1090, 31.9913, 52.5244

Background



This preview shows how black text looks on a background with the YUV color 53.1090, 31.9913, 52.5244.



This preview shows how white text looks on a background with the YUV color 53.1090, 31.9913,

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

53.1090, 31.9913, 52.5244

Protanopia

52.8440, 40.0099, -46.3442

Deuteranopia

61.5620, 24.3729, -24.1719



Tritanopia

64.6840, -7.2392, 35.3571

Trichromacy



Original Color

53.1090, 31.9913, 52.5244

Protanomaly

52.6790, 37.1333, -10.2425

Deuteranomaly

58.8350, 27.1963, 3.6527

Tritanomaly

60.8000, 7.0006, 41.3944

Monochromacy



Original Color

53.1090, 31.9913, 52.5244

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9220, 11.8705, 19.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.1090, 31.9913, 52.5244 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(113, 10, 118)` looks like.

```
.text, #text, p{  
    color:rgb(113, 10, 118)  
}
```

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(113, 10, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 10, 118) }
```

Border

The CSS property to change the border of an element to YUV 53.1090, 31.9913, 52.5244 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(113, 10, 118) }
```


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

```
.border{ border-color:rgb(113, 10, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 10, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 10, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 10, 118);  
box-shadow:4px 4px 4px 4px rgb(113, 10,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 53.1090, 31.9913, 52.5244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 10, 118) }
```

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

```
.background{ background-color: rgb(113, 10,  
118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor