

Converting Colors

YUV(53.7120, 23.8060, 17.7926)

Have a look what the booklet for
YUV(53.7120, 23.8060, 17.7926)
contains.

YUV(53.7120, 23.8060, 17.7926)	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(53.7120, 23.8060,
17.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2266
RGB	74, 34, 102
RGB Percent	29%, 13%, 40%
CMY	0.7098, 0.8667, 0.6000
CMYK	0.27, 0.67, 0.00, 0.60
HSL	275°, 50%, 27%
HSV	275°, 67%, 40%
XYZ	5.7943, 3.5592, 12.9520
YIQ	53.7120, 2.0120, 29.6280

Conversions

Conversions Part 2

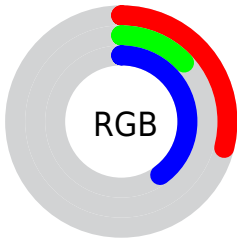
Format	Color
R_{YB}	74, 34, 102
Decimal	4858470
CIE _{Lab}	22.16, 32.31, -32.57
CIE _{LCh}	22, 45.882, 314.772
Yxy	3.5592, 0.2598, 0.1596
Android (android.graphics.Color)	4283048550 (0xFF4A2266)
YUV	53.7120, 23.8060, 17.7926
Hunter-Lab	18.8659, 21.8081, -27.4982

Details

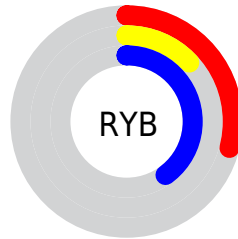
The YUV color **53.7120, 23.8060, 17.7926** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **82.2880, -23.8060, -17.7926**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.4780, 25.4003, 19.7518**, and **14.9410, 19.7491, 12.3297** is the 20% darker color. If you saturate the color by 10%, you get **46.6460, 27.2895, 20.4815**, and if you desaturate by 10%, it is **60.7780, 20.3224, 15.1037**.

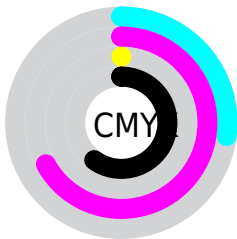
Distribution



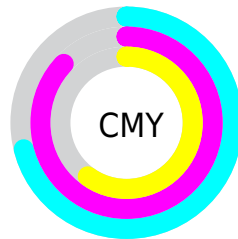
- Red (29%)
- Green (13%)
- Blue (40%)



- Red (29%)
- Yellow (13%)
- Blue (40%)



- Cyan (27%)
- Magenta (67%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (87%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.7120, 23.8060, 17.7926 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 53.7120, 23.8060, 17.7926 by changing the saturation by 10% instead.

■ 53.7120, 23.8060,
17.7926

■ 53.7120, 23.8060,
17.7926

■ 255.0000, 0.0000,
0.0000

■ 29.4130, 23.9534,
17.1778

■ 102.4780, 25.4003,
19.7518

■ 14.9410, 19.7491,
12.3297

■ 128.3040, 25.9791,
20.7814

■ 4.8220, 13.3988,
-4.2289

■ 154.7170, 26.2685,
21.2962

■ 0.4560, 1.7472,
-0.3999

■ 181.6570, 27.2841,
22.2258

■ 0.0000, 0.0000,
0.0000

■ 208.2290, 23.0581,
24.3552

■ 230.3460, 12.1544,

21.6216

247.3690, 3.7621,
6.6924

53.7120, 23.8060,
17.7926

53.7120, 23.8060,
17.7926

46.6460, 27.2895,
20.4815

60.7780, 20.3224,
15.1037

39.5800, 30.7731,
23.1703

67.8440, 16.8389,
12.4148

31.6280, 34.6934,
25.7592

75.7960, 12.9186,
9.8259

29.5680, 35.7090,
26.6889

82.8620, 9.4350,
7.1370

89.9280, 5.9515,
4.4481

■ 96.9940, 2.4680,
1.7593

■ 104.0600, -1.0156,
-0.9296

■ 112.0120, -4.9359,
-3.5185

■ 119.0780, -8.4195,
-6.2074

Harmonies

Analogous

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



44.2040, 37.3674, -38.7669



53.7120, 23.8060, 17.7926



44.0000, 13.8040, 52.6200

Triad

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



53.7120, 23.8060, 17.7926



50.3350, -24.8152, 26.0162



47.3090, 11.1867, -41.4900

Complementary

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



53.7120, 23.8060, 17.7926



82.2880, -23.8060, -17.7926

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.



42.6180, -4.2487, -37.3760



53.7120, 23.8060, 17.7926



48.7080, -24.0130, 2.0101

Square

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



53.7120, 23.8060, 17.7926



45.8740, -22.1229, 49.2225



37.2800, -18.3790, -31.8176



50.2560, 25.0168, -44.0745

Rectangle

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



53.7120, 23.8060, 17.7926



38.7750, 5.0409, 63.3413



37.2800, -18.3790, -31.8176



45.9410, 5.9451, -40.2903

Sweetspot

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



53.7120, 23.8060, 17.7926



113.8620, 9.4350, 7.1370



58.1880, 21.5993, -21.2129



54.8140, 5.5147, 4.5481



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



53.7120, 23.8060, 17.7926



57.6220, 37.1614, 27.5185



61.4000, 17.0578, 35.6062



47.4670, 1.7418, 1.3444



33.1430, 40.3555, 29.6926



70.0460, 84.7733, 63.1037

Inverse Universe

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



57.5240, 2.2067, 39.0055



63.5960, 3.1572, 60.8673



74.6000, -17.0578, -35.6062



47.7230, 0.1366, 2.8739



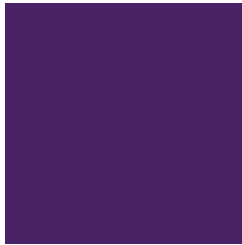
39.7430, 3.5777, 66.0004



83.7580, 8.0073, 138.7782

Previews

White Background



This preview shows how the YUV color 53.7120, 23.8060, 17.7926 looks on a white background.

Color Contrast Check

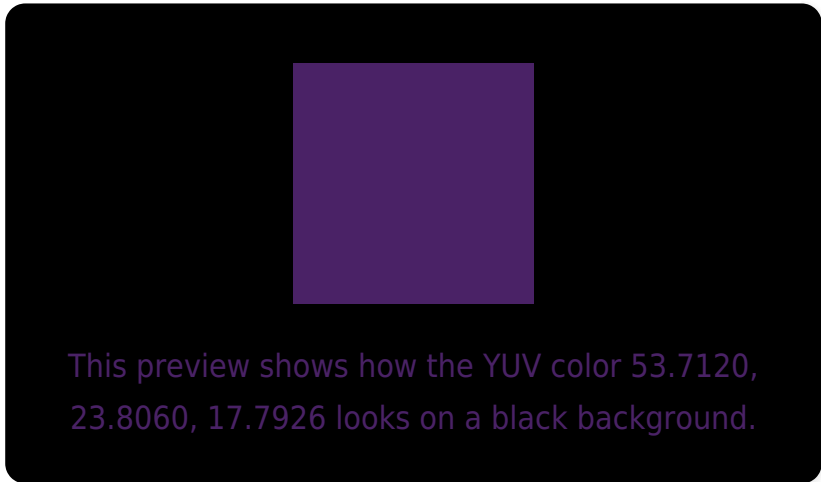
Large Text (above 18pt) WCAG AA ✓ Pass

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

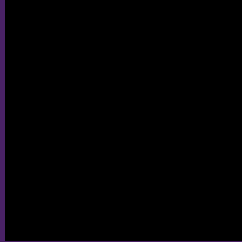
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.7120, 23.8060, 17.7926

Background



This preview shows how black text looks on a background with the YUV color 53.7120, 23.8060, 17.7926.



This preview shows how white text looks on a background with the YUV color 53.7120, 23.8060,

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

53.7120, 23.8060, 17.7926

Protanopia

43.0640, 32.9994, -37.7671

Deuteranopia

43.3430, 26.4529, -38.0118



Tritanopia

54.5390, -0.7587, 10.0513

Trichromacy



Original Color

53.7120, 23.8060, 17.7926

Protanomaly

46.6860, 29.7348, -17.2646

Deuteranomaly

46.9480, 25.6616, -17.4944

Tritanomaly

54.5530, 8.1084, 12.6700

Monochromacy



Original Color

53.7120, 23.8060, 17.7926

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9220, 8.4195, 6.2074

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.7120, 23.8060, 17.7926 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(74, 34, 102)` looks like.

```
.text, #text, p{  
    color:rgb(74, 34, 102)  
}
```

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(74, 34, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 34, 102) }
```

Border

The CSS property to change the border of an element to YUV 53.7120, 23.8060, 17.7926 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(74, 34, 102) }
```


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

```
.border{ border-color:rgb(74, 34, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 34, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 34, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 34, 102);  
box-shadow:4px 4px 4px 4px rgb(74, 34,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 53.7120, 23.8060, 17.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 34, 102) }
```

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

```
.background{ background-color: rgb(74, 34,  
102) }
```

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