

Converting Colors

YUV(53.4420, 6.6841, 49.6014)

Have a look what the booklet for
YUV(53.4420, 6.6841, 49.6014)
contains.

YUV(53.4420, 6.6841, 49.6014)	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(53.4420, 6.6841,
49.6014)**

Conversions

Conversions Part 1

Format	Color
Hex	6E1643
RGB	110, 22, 67
RGB Percent	43%, 9%, 26%
CMY	0.5686, 0.9137, 0.7373
CMYK	0.00, 0.80, 0.39, 0.57
HSL	329°, 67%, 26%
HSV	329°, 80%, 43%
XYZ	7.7304, 4.2941, 5.7316
YIQ	53.4420, 38.0030, 32.6510

Conversions

Conversions Part 2

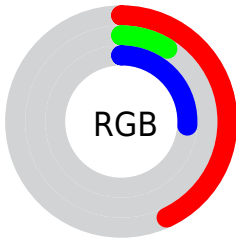
Format	Color
R_{YB}	110, 22, 67
Decimal	7214659
CIE Lab	24.62, 41.54, -4.92
CIE LCh	25, 41.834, 353.247
Yxy	4.2941, 0.4354, 0.2418
Android (android.graphics.Color)	4285404739 (0xFF6E1643)
YUV	53.4420, 6.6841, 49.6014
Hunter-Lab	20.7221, 30.3261, -1.8937

Details

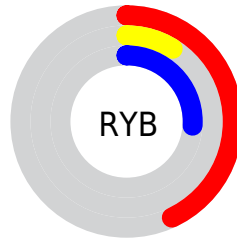
The YUV color **53.4420, 6.6841, 49.6014** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **78.5580, -6.6841, -49.6014**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.4700, 4.2053, 51.3308**, and **20.0780, 1.9335, 33.2576** is the 20% darker color. If you saturate the color by 10%, you get **46.4150, 7.6834, 55.7640**, and if you desaturate by 10%, it is **60.4690, 5.6848, 43.4387**.

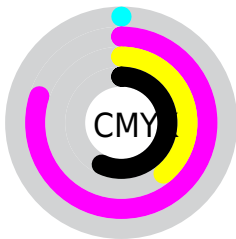
Distribution



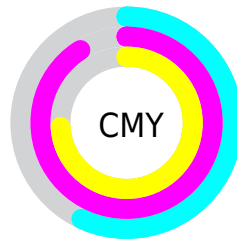
- Red (43%)
- Green (9%)
- Blue (26%)



- Red (43%)
- Yellow (9%)
- Blue (26%)



- Cyan (0%)
- Magenta (80%)
- Yellow (39%)
- Black (57%)



- Cyan (57%)
- Magenta (91%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.4420, 6.6841, 49.6014 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 53.4420, 6.6841, 49.6014 by changing the saturation by 10% instead.

■ 53.4420, 6.6841,
49.6014

■ 53.4420, 6.6841,
49.6014

■ 255.0000, 0.0000,
0.0000

■ 29.9470, 7.4211,
46.5275

■ 106.4700, 4.2053,
51.3308

■ 20.0780, 1.9335,
33.2576

■ 132.9540, 3.4737,
52.6603

■ 9.6820, -4.2802,
19.5729

■ 159.9650, 3.4683,
54.4047


■ 0.0000, 0.0000,
0.0000


■ 187.8620, 3.0260,
56.2490


■ 208.3870, 6.7112,
40.8796


■ 228.0150, 10.8386,


23.6658


 245.6080, 4.6303,
8.2368


 53.4420, 6.6841,
49.6014

 53.4420, 6.6841,
49.6014


 46.4150, 7.6834,
55.7640


 60.4690, 5.6848,
43.4387

 39.2740, 8.2459,
62.0267

 67.6100, 5.1223,
37.1760

 74.6370, 4.1230,
31.0134

 81.7780, 3.5604,
24.7507

 88.8050, 2.5611,
18.5880

■ 95.8320, 1.5618,
12.4253

■ 102.9730, 0.9993,
6.1627

■ 110.0000, 0.0000,
0.0000

■ 117.0270, -0.9993,
-6.1627

Harmonies

Analogous

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



59.3880, 18.5427, 25.9697



53.4420, 6.6841, 49.6014



52.2670, -8.0196, 52.3858

Triad

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



53.4420, 6.6841, 49.6014



52.2190, -25.7440, -2.8231



53.5160, 27.3536, -46.9335

Complementary

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



53.4420, 6.6841, 49.6014



78.5580, -6.6841, -49.6014

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.



51.7260, 15.4181, -45.3637



53.4420, 6.6841, 49.6014



42.4410, -12.5424, -37.2208

Square

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



53.4420, 6.6841, 49.6014



55.9060, -27.5617, 20.2534



47.9640, 1.0037, -42.0644



52.0630, 34.4789, -45.6593

Rectangle

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



53.4420, 6.6841, 49.6014



54.0630, -18.7651, 45.5487



47.9640, 1.0037, -42.0644



53.1910, 23.5698, -46.6485

Sweetspot

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



53.4420, 6.6841, 49.6014



121.1040, 2.4137, 19.2028



44.8890, 32.0997, 17.6373



58.1200, 1.4198, 11.2958



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



53.4420, 6.6841, 49.6014



54.9430, 10.3811, 77.2260



48.4260, -12.5350, 54.0004



52.1360, 0.4260, 3.3887



42.8340, 8.9558, 67.6746



88.2170, 18.6270, 139.2527

Inverse Universe

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



53.4420, 6.6841, 49.6014



54.9430, 10.3811, 77.2260



83.5740, 12.5350, -54.0004



52.1360, 0.4260, 3.3887



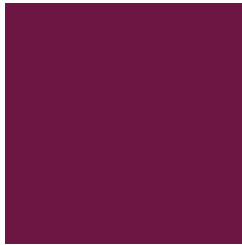
42.8340, 8.9558, 67.6746



88.2170, 18.6270, 139.2527

Previews

White Background



This preview shows how the YUV color 53.4420, 6.6841, 49.6014 looks on a white background.

Color Contrast Check

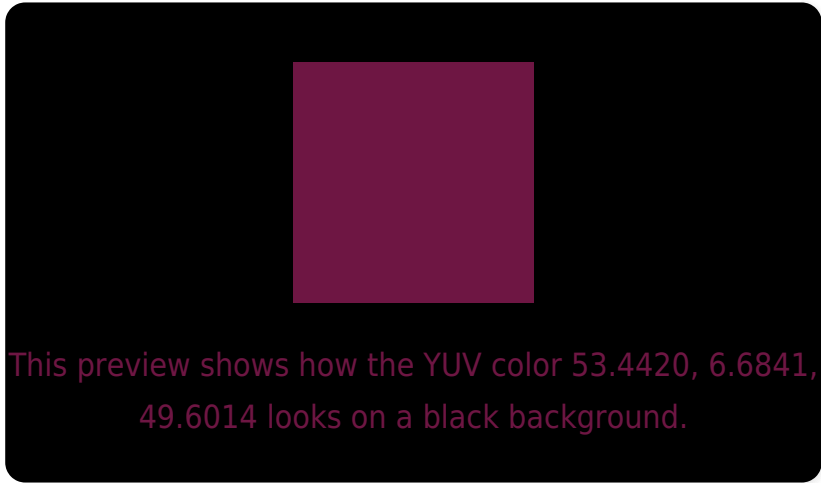
Large Text (above 18pt) WCAG AA ✓ Pass

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

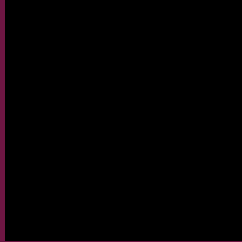
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.4420, 6.6841, 49.6014

Background



This preview shows how black text looks on a background with the YUV color 53.4420, 6.6841, 49.6014.



This preview shows how white text looks on a background with the YUV color 53.4420, 6.6841, 49.6014.

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

53.4420, 6.6841, 49.6014

Protanopia

59.6580, 15.4516, -9.3471

Deuteranopia

60.6630, 1.1521, 3.8035



Tritanopia

54.9520, -10.3293, 46.5231

Trichromacy



Original Color

53.4420, 6.6841, 49.6014

Protanomaly

57.5790, 12.0396, 11.7702

Deuteranomaly

57.9300, 2.9925, 20.2324

Tritanomaly

54.2710, -4.0776, 47.9973

Monochromacy



Original Color

53.4420, 6.6841, 49.6014

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.3920, 2.2717, 18.0732

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.4420, 6.6841, 49.6014 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(110, 22, 67)` looks like.

```
.text, #text, p{  
    color:rgb(110, 22, 67)  
}
```

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(110, 22, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 22, 67) }
```

Border

The CSS property to change the border of an element to YUV 53.4420, 6.6841, 49.6014 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(110, 22, 67) }
```


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

```
.border{ border-color:rgb(110, 22, 67) }
```

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

Here you see how a box with a 4 pixel rgb(110, 22, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 22, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 22, 67);  
box-shadow:4px 4px 4px 4px rgb(110, 22,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 53.4420, 6.6841, 49.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 22, 67) }
```

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

```
.background{ background-color: rgb(110, 22,  
67) }
```

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