

Converting Colors

YUV(49.3520, 53.0705,
-35.3887)

Have a look what the booklet for
YUV(49.3520, 53.0705, -35.3887)
contains.

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Color

**YUV(49.3520, 53.0705,
-35.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	09319D
RGB	9, 49, 157
RGB Percent	4%, 19%, 62%
CMY	0.9647, 0.8078, 0.3843
CMYK	0.94, 0.69, 0.00, 0.38
HSL	224°, 89%, 33%
HSV	224°, 94%, 62%
XYZ	7.2968, 4.6890, 32.4188
YIQ	49.3520, -58.5080, 25.1080

Conversions

Conversions Part 2

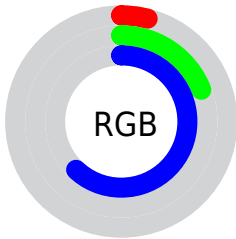
Format	Color
R _Y B	9, 40, 157
Decimal	602525
CIE Lab	25.83, 32.20, -61.43
CIE LCh	26, 69.359, 297.665
Yxy	4.6890, 0.1643, 0.1056
Android (android.graphics.Color)	4278792605 (0xFF09319D)
YUV	49.3520, 53.0705, -35.3887
Hunter-Lab	21.6542, 22.2542, -73.6061

Details

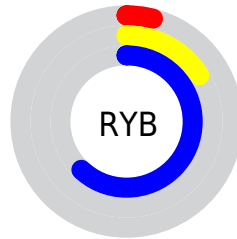
The YUV color **49.3520, 53.0705, -35.3887** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **116.6480, -53.0705, 35.3887**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.9570, 52.2792, -14.8713**, and **17.1390, 42.8225, -15.0309** is the 20% darker color. If you saturate the color by 10%, you get **42.5520, 56.4229, -37.3181**, and if you desaturate by 10%, it is **60.5930, 47.5287, -31.2151**.

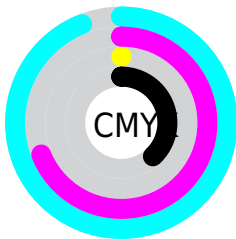
Distribution



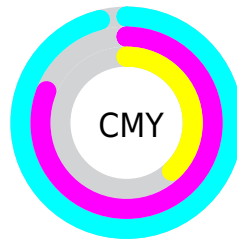
- Red (4%)
- Green (19%)
- Blue (62%)



- Red (4%)
- Yellow (16%)
- Blue (62%)



- Cyan (94%)
- Magenta (69%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (81%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3520, 53.0705, -35.3887 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 49.3520, 53.0705, -35.3887 by changing the saturation by 10% instead.

■ 49.3520, 53.0705,
-35.3887

■ 49.3520, 53.0705,
-35.3887

■ 255.0000, 0.0000,
0.0000

■ 31.2560, 48.6808,
-27.4115

■ 106.9570, 52.2792,
-14.8713

■ 17.1390, 42.8225,
-15.0309

■ 133.7940, 52.8526,
-12.0973

■ 9.0060, 34.5070,
-7.8983

■ 158.7360, 47.4582,
-8.5385

■ 9.2050, 22.5769,
-8.0728

■ 183.5550, 35.2224,
-3.9947

■ 4.9360, 13.8356,
-4.3289

■ 208.0750, 23.1340,
-0.0658

■ 0.6840, 2.6208,
-0.5999

■ 233.4810, 10.6089,

■ 0.0000, 0.0000,

3.9632

0.0000

■ 49.3520, 53.0705,
-35.3887

■ 49.3520, 53.0705,
-35.3887

■ 42.5520, 56.4229,
-37.3181

■ 60.5930, 47.5287,
-31.2151

■ 72.1220, 41.8449,
-28.1710

■ 83.3630, 36.3030,
-23.9974

■ 95.1910, 30.4718,
-20.3385

■ 106.4320, 24.9300,
-16.1649

■ 117.9610, 19.2462,
-13.1208

■ 129.2020, 13.7044,
-8.9472

■ 141.0300, 7.8732,
-5.2883

■ 151.9720, 2.4788,
-1.7294

Harmonies

Analogous

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



61.0570, 53.7089, -53.5470



49.3520, 53.0705, -35.3887



48.2500, 34.8798, 59.4168

Triad

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



49.3520, 53.0705, -35.3887



52.3050, -25.7864, 57.6145



53.3440, 1.3094, -46.7827

Complementary

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



49.3520, 53.0705, -35.3887



116.6480, -53.0705, 35.3887

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.



45.1990, -22.2831, -39.6395



49.3520, 53.0705, -35.3887



57.9660, -28.5772, 19.3238

Square

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



49.3520, 53.0705, -35.3887



44.3960, -13.5062, 85.5987



48.8420, -24.0791, -23.5404



60.0870, 24.6071, -52.6963

Rectangle

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



49.3520, 53.0705, -35.3887



51.2510, 16.6383, 76.9559



48.8420, -24.0791, -23.5404



50.5910, -6.7004, -44.3683

Sweetspot

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



49.3520, 53.0705, -35.3887



162.3030, 20.5566, -13.4207



107.9600, 3.4707, -86.7879



76.8600, 12.3940, -8.6472



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



49.3520, 53.0705, -35.3887



55.5410, 73.1903, -48.7095



35.4400, 59.9291, 4.8761



73.0860, 2.9156, -1.8294



39.1950, 51.1759, -34.3740



4.0580, 5.3944, -3.5589

Inverse Universe

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



57.8120, -4.3443, 86.9879



67.2660, -6.0471, 119.9157



130.5600, -59.9291, -4.8761



73.6200, -0.3057, 4.7183



47.2030, -4.0441, 84.0140



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 49.3520, 53.0705, -35.3887 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 49.3520, 53.0705, -35.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

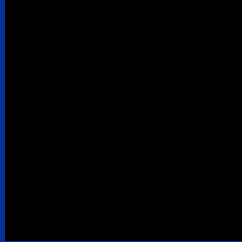
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3520, 53.0705, -35.3887

Background



This preview shows how black text looks on a background with the YUV color 49.3520, 53.0705, -35.3887.



This preview shows how white text looks on a background with the YUV color 49.3520, 53.0705,

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

49.3520, 53.0705, -35.3887

Protanopia

48.8830, 37.5257, -42.8704

Deuteranopia

49.1790, 28.5058, -43.1300



Tritanopia

48.1240, 11.7709, -42.2047

Trichromacy



Original Color

49.3520, 53.0705, -35.3887

Protanomaly

48.8000, 43.4826, -40.1666

Deuteranomaly

49.1930, 37.3729, -40.5113

Tritanomaly

48.4460, 26.8951, -39.8561

Monochromacy



Original Color

49.3520, 53.0705, -35.3887

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9610, 19.2462, -13.1208

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3520, 53.0705, -35.3887 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(9, 49, 157)` looks like.

```
.text, #text, p{  
    color:rgb(9, 49, 157)  
}
```

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(9, 49, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 49, 157) }
```

Border

The CSS property to change the border of an element to YUV 49.3520, 53.0705, -35.3887 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(9, 49, 157) }
```


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

```
.border{ border-color:rgb(9, 49, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 49, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 49, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 49, 157);  
box-shadow:4px 4px 4px 4px rgb(9, 49, 157)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.3520, 53.0705, -35.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 49, 157) }
```

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

```
.background{ background-color: rgb(9, 49,  
157) }
```

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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