

Converting Colors

YUV(53.6170, -25.9402,
13.4909)

Have a look what the booklet for
YUV(53.6170, -25.9402, 13.4909)
contains.

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Color

**YUV(53.6170, -25.9402,
13.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	453801
RGB	69, 56, 1
RGB Percent	27%, 22%, 0%
CMY	0.7294, 0.7804, 0.9961
CMYK	0.00, 0.19, 0.99, 0.73
HSL	49°, 97%, 14%
HSV	49°, 99%, 27%
XYZ	3.8739, 4.0957, 0.6151
YIQ	53.6170, 25.4030, -14.3490

Conversions

Conversions Part 2

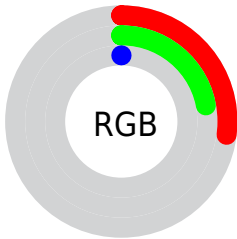
Format	Color
R_{YB}	17, 69, 1
Decimal	4536321
CIE Lab	23.99, -0.28, 32.56
CIE LCh	24, 32.557, 90.494
Yxy	4.0957, 0.4513, 0.4771
Android (android.graphics.Color)	4282726401 (0xFF453801)
YUV	53.6170, -25.9402, 13.4909
Hunter-Lab	20.2380, -1.2484, 12.3645

Details

The YUV color **53.6170, -25.9402, 13.4909** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.3830, 25.9402, -13.4909**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9270, -26.0930, 15.8500**, and **13.8990, -6.8522, 4.4736** is the 20% darker color. If you saturate the color by 10%, you get **53.5030, -26.3770, 13.5909**, and if you desaturate by 10%, it is **55.0020, -23.1720, 12.2762**.

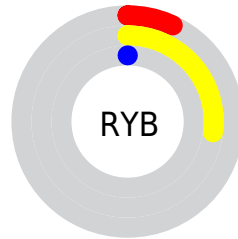
Distribution



 Red (27%)

 Green (22%)

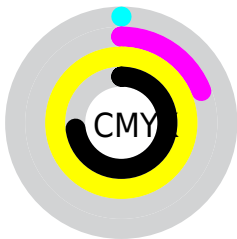
 Blue (0%)



 Red (7%)

 Yellow (27%)

 Blue (0%)

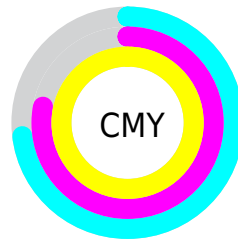


 Cyan (0%)

 Magenta (19%)

 Yellow (99%)

 Black (73%)



 Cyan (73%)

 Magenta (78%)

 Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.6170, -25.9402, 13.4909 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 53.6170, -25.9402, 13.4909 by changing the saturation by 10% instead.

■ 53.6170, -25.9402,
13.4909

■ 53.6170, -25.9402,
13.4909

■ 252.2640,
-10.4832, 2.3995

■ 34.0000, -16.7620,
9.6470

■ 101.9270,
-26.0930, 15.8500

■ 13.8990, -6.8522,
4.4736

■ 127.2970,
-27.2614, 17.2795

■ 0.0000, 0.0000,
0.0000

■ 152.8950,
-27.5562, 18.5091

■ 179.9660,
-28.5772, 19.3238

■ 208.0370,
-29.5982, 20.1386

■ 234.7270,

-29.4454, 17.7794

■ 249.0720,
-22.7135, 5.1989

■ 53.6170, -25.9402,
13.4909

■ 53.6170, -25.9402,
13.4909

■ 53.5030, -26.3770,
13.5909

■ 55.0020, -23.1720,
12.2762

■ 56.9740, -20.6932,
10.5468

■ 58.3590, -17.9250,
9.3322

■ 59.7440, -15.1568,
8.1175

■ 61.6020, -13.1148,
6.4880

■ 62.9870, -10.3466,
5.2734

■ 64.3720, -7.5784,
4.0588

■ 66.3440, -5.0996,
2.3293

■ 67.7290, -2.3314,
1.1147

Harmonies

Analogous

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



55.3830, -20.8948, 28.6051



53.6170, -25.9402, 13.4909



51.2770, -20.3496, -6.3819

Triad

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



53.6170, -25.9402, 13.4909



49.1500, 15.7020, -43.1045



58.2540, 11.7068, 25.2102

Complementary

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



53.6170, -25.9402, 13.4909



16.3830, 25.9402, -13.4909

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.



57.6790, 20.3713, -0.5955



53.6170, -25.9402, 13.4909



50.0280, 24.1432, -43.8746

Square

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



53.6170, -25.9402, 13.4909



46.4140, 5.2189, -40.7051



47.3040, 28.9371, -41.4856



55.8830, 1.0437, 38.6906

Rectangle

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



53.6170, -25.9402, 13.4909



48.0560, -11.8596, -22.8511



47.3040, 28.9371, -41.4856



58.8940, 14.3493, 17.6330

Sweetspot

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



53.6170, -25.9402, 13.4909



82.9870, -10.3466, 5.2734



22.9280, -3.9085, 40.4051



42.3010, -6.5574, 3.2440



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



53.6170, -25.9402, 13.4909



68.8750, -33.9554, 17.6496



55.2680, -26.7541, -5.4970



34.9570, -1.4578, 0.9147



76.5610, -37.7446, 19.6790



175.8810, -86.7093, 44.8314

Inverse Universe

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



16.3830, 25.9402, -13.4909



20.1250, 33.9554, -17.6496



14.7320, 26.7541, 5.4970



33.0430, 1.4578, -0.9147



22.4390, 37.7446, -19.6790



51.1190, 86.7093, -44.8314

Previews

White Background



This preview shows how the YUV color 53.6170, -25.9402, 13.4909 looks on a white background.

Color Contrast Check

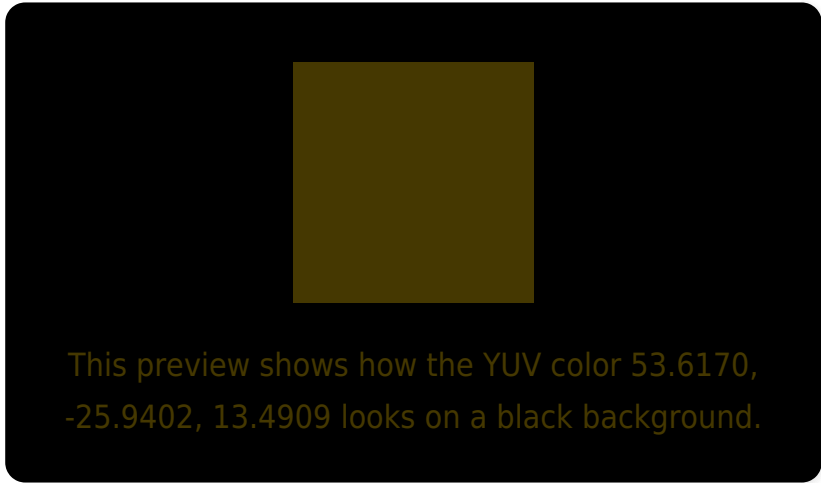
Large Text (above 18pt) WCAG AA ✓ Pass

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

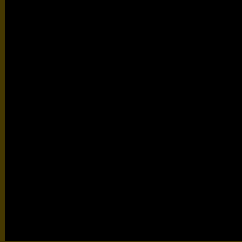
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.6170, -25.9402, 13.4909

Background



This preview shows how black text looks on a background with the YUV color 53.6170, -25.9402, 13.4909.



This preview shows how white text looks on a background with the YUV color 53.6170, -25.9402,

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

53.6170, -25.9402, 13.4909

Protanopia

53.8230, -25.0557, 9.8022

Deuteranopia

54.0950, -24.2038, 16.5797



Tritanopia

58.4360, -1.2009, 11.8956

Trichromacy



Original Color

53.6170, -25.9402, 13.4909

Protanomaly

53.4210, -25.3506, 11.0318

Deuteranomaly

54.2690, -24.7826, 15.5501

Tritanomaly

56.4440, -10.0789, 12.7656

Monochromacy



Original Color

53.6170, -25.9402, 13.4909

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9160, -9.3256, 4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.6170, -25.9402, 13.4909 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(69, 56, 1)` looks like.

```
.text, #text, p{  
    color:rgb(69, 56, 1)  
}
```

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(69, 56, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 56, 1) }
```

Border

The CSS property to change the border of an element to YUV 53.6170, -25.9402, 13.4909 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(69, 56, 1) }
```


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

```
.border{ border-color:rgb(69, 56, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 56, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 56, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 56, 1); box-shadow:4px  
4px 4px 4px rgb(69, 56, 1) }
```

Background

The CSS property to change the background color of an element to YUV 53.6170, -25.9402, 13.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 56, 1) }
```

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

```
.background{ background-color: rgb(69, 56,  
1) }
```

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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