

Converting Colors

YUV(54.6920, 13.9558, 3.7781)

Have a look what the booklet for
YUV(54.6920, 13.9558, 3.7781)
contains.

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Color

**YUV(54.6920, 13.9558,
3.7781)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2F53
RGB	59, 47, 83
RGB Percent	23%, 18%, 33%
CMY	0.7686, 0.8157, 0.6745
CMYK	0.29, 0.43, 0.00, 0.67
HSL	260°, 28%, 25%
HSV	260°, 43%, 33%
XYZ	4.3815, 3.5874, 8.6451
YIQ	54.6920, -4.4040, 13.7400

Conversions

Conversions Part 2

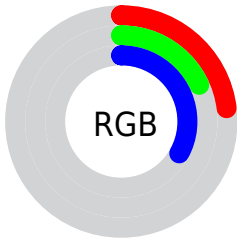
Format	Color
R_{YB}	59, 47, 83
Decimal	3878739
CIE _{Lab}	22.26, 14.38, -20.00
CIE _{LCh}	22, 24.631, 305.710
Yxy	3.5874, 0.2637, 0.2159
Android (android.graphics.Color)	4282068819 (0xFF3B2F53)
YUV	54.6920, 13.9558, 3.7781
Hunter-Lab	18.9404, 8.1469, -13.8040

Details

The YUV color **54.6920, 13.9558, 3.7781** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **75.3080, -13.9558, -3.7781**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.7460, 15.4082, 4.6078**, and **9.7140, 13.9450, 7.2668** is the 20% darker color. If you saturate the color by 10%, you get **48.2020, 17.1554, 4.2078**, and if you desaturate by 10%, it is **61.1820, 10.7563, 3.3484**.

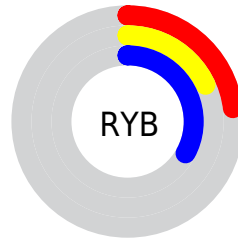
Distribution



 Red (23%)

 Green (18%)

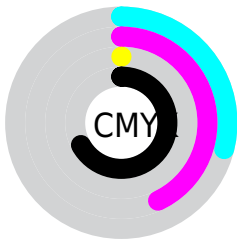
 Blue (33%)



 Red (23%)

 Yellow (18%)

 Blue (33%)

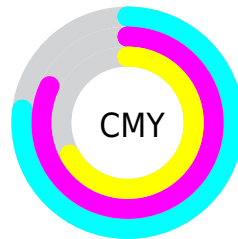


 Cyan (29%)

 Magenta (43%)

 Yellow (0%)

 Black (67%)



 Cyan (77%)

 Magenta (82%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.6920, 13.9558, 3.7781 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 54.6920, 13.9558, 3.7781 by changing the saturation by 10% instead.

■ 54.6920, 13.9558,
3.7781

■ 54.6920, 13.9558,
3.7781

■ 255.0000, 0.0000,
0.0000

■ 32.8660, 13.3771,
2.7485

■ 101.7460, 15.4082,
4.6078

■ 9.7140, 13.9450,
7.2668

■ 127.1590, 15.6976,
5.1226

■ 2.2970, 6.2626,
-2.0145

■ 152.6860, 16.4238,
5.5374

■ 0.0000, 0.0000,
0.0000

■ 179.8000, 16.8606,
5.4374

■ 207.2130, 17.1500,
5.9522

■ 233.8020, 10.4506,

8.0666

254.4130, 0.2894,
0.5148

■ 54.6920, 13.9558,
3.7781

■ 54.6920, 13.9558,
3.7781

■ 48.2020, 17.1554,
4.2078

■ 61.1820, 10.7563,
3.3484

■ 41.4240, 20.4970,
5.7672

■ 67.9600, 7.4147,
1.7891

■ 34.9340, 23.6965,
6.1969

■ 74.4500, 4.2151,
1.3593

■ 28.7430, 26.7487,
7.2414

■ 80.6410, 1.1630,
0.3148

■ 22.2530, 29.9483,
7.6711

■ 87.1310, -2.0366,
-0.1149

■ 17.8340, 32.1268,
8.9156

■ 93.9090, -5.3781,
-1.6742

■ 100.3990, -8.5777,
-2.1039

■ 106.5900,
-11.6299, -3.1484

■ 113.6670,
-15.1188, -4.0930

Harmonies

Analogous

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



49.7320, 19.8521, -20.8130



54.6920, 13.9558, 3.7781



54.6680, 7.0657, 20.4622

Triad

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



54.6920, 13.9558, 3.7781



52.5930, -16.0683, 20.5279



42.7780, 6.5184, -37.5163

Complementary

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



54.6920, 13.9558, 3.7781



75.3080, -13.9558, -3.7781

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.



44.3250, -3.1182, -26.5950



54.6920, 13.9558, 3.7781



50.7610, -17.6302, 8.1026

Square

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



54.6920, 13.9558, 3.7781



52.6570, -9.6909, 28.3648



48.8130, -13.2188, -6.8520



44.8300, 14.3808, -39.3159

Rectangle

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



54.6920, 13.9558, 3.7781



54.2190, 1.3710, 26.9949



48.8130, -13.2188, -6.8520



42.0940, 3.8977, -36.9164

Sweetspot

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



54.6920, 13.9558, 3.7781



96.0910, 5.3781, 1.6742



65.1920, 8.7793, -15.9544



46.9230, 3.4890, 0.9445



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



54.6920, 13.9558, 3.7781



63.0650, 21.6600, 6.0820



60.0740, 11.3025, 14.8441



37.7550, 1.5998, 0.2149



22.4350, 40.7045, 11.0195



49.4710, 89.9868, 24.1429

Inverse Universe

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



60.5000, 5.1765, 19.7325



72.0760, 8.3435, 30.6283



69.9260, -11.3025, -14.8441



38.4240, 0.2840, 2.2592



39.3750, 15.0981, 57.5531



87.0380, 33.5053, 127.1317

Previews

White Background



This preview shows how the YUV color 54.6920, 13.9558, 3.7781 looks on a white background.

Color Contrast Check

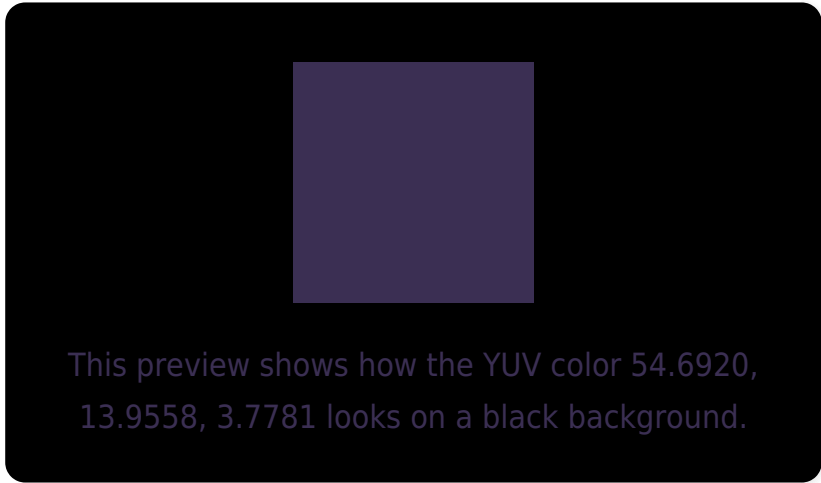
Large Text (above 18pt) WCAG AA ✓ Pass

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

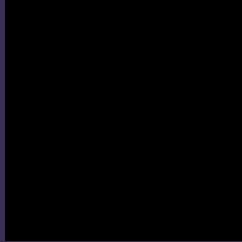
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.6920, 13.9558, 3.7781

Background



This preview shows how black text looks on a background with the YUV color 54.6920, 13.9558, 3.7781.



This preview shows how white text looks on a background with the YUV color 54.6920, 13.9558,

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

54.6920, 13.9558, 3.7781

Protanopia

52.2170, 17.6410, -11.5913

Deuteranopia

52.1200, 14.7308, -11.5062



Tritanopia

53.7550, 1.5998, 0.2149

Trichromacy



Original Color

54.6920, 13.9558, 3.7781

Protanomaly

52.9080, 16.3144, -6.0583

Deuteranomaly

53.0390, 14.2778, -6.1732

Tritanomaly

54.2050, 5.8149, 1.5742

Monochromacy



Original Color

54.6920, 13.9558, 3.7781

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.6920, 13.9558, 3.7781 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(59, 47, 83)` looks like.

```
.text, #text, p{  
    color:rgb(59, 47, 83)  
}
```

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(59, 47, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 47, 83) }
```

Border

The CSS property to change the border of an element to YUV 54.6920, 13.9558, 3.7781 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(59, 47, 83) }
```


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

```
.border{ border-color:rgb(59, 47, 83) }
```

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

Here you see how a box with a 4 pixel rgb(59, 47, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 47, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 47, 83);  
box-shadow:4px 4px 4px 4px rgb(59, 47, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.6920, 13.9558, 3.7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 47, 83) }
```

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

```
.background{ background-color: rgb(59, 47,  
83) }
```

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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