

Converting Colors

YUV(54.3740, 9.6756, 23.3510)

Have a look what the booklet for
YUV(54.3740, 9.6756, 23.3510)
contains.

YUV(54.3740, 9.6756, 23.3510)	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(54.3740, 9.6756,
23.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	51254A
RGB	81, 37, 74
RGB Percent	32%, 15%, 29%
CMY	0.6824, 0.8549, 0.7098
CMYK	0.00, 0.54, 0.09, 0.68
HSL	310°, 37%, 23%
HSV	310°, 54%, 32%
XYZ	5.2909, 3.5669, 6.8882
YIQ	54.3740, 14.3470, 20.8350

Conversions

Conversions Part 2

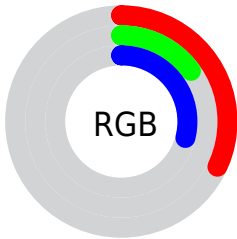
Format	Color
RYB	81, 37, 74
Decimal	5317962
CIELab	22.18, 26.32, -13.86
CIElCh	22, 29.748, 332.239
Yxy	3.5669, 0.3360, 0.2265
Android (android.graphics.Color)	4283508042 (0xFF51254A)
YUV	54.3740, 9.6756, 23.3510
Hunter-Lab	18.8862, 16.9557, -8.4040

Details

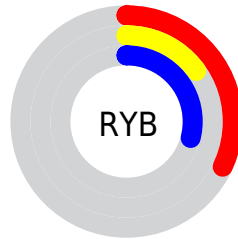
The YUV color **54.3740, 9.6756, 23.3510** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **63.6260, -9.6756, -23.3510**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.7980, 9.9596, 25.6102**, and **14.4830, 7.6499, 19.7474** is the 20% darker color. If you saturate the color by 10%, you get **49.5640, 11.5539, 27.5694**, and if you desaturate by 10%, it is **59.1840, 7.7973, 19.1326**.

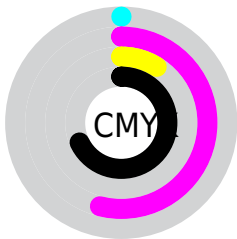
Distribution



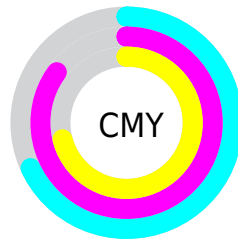
- Red (32%)
- Green (15%)
- Blue (29%)



- Red (32%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (54%)
- Yellow (9%)
- Black (68%)



- Cyan (68%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3740, 9.6756, 23.3510 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 54.3740, 9.6756, 23.3510 by changing the saturation by 10% instead.

■ 54.3740, 9.6756,
23.3510

■ 54.3740, 9.6756,
23.3510

■ 255.0000, 0.0000,
0.0000

■ 31.0750, 9.8230,
22.7362

■ 102.7980, 9.9596,
25.6102

■ 14.4830, 7.6499,
19.7474

■ 128.2110, 10.2490,
26.1250

■ 0.1140, 0.4368,
-0.1000

■ 154.2220, 10.2436,
27.8693

■ 0.0000, 0.0000,
0.0000

■ 181.6350, 10.5329,
28.3841

■ 209.0480, 10.8223,
28.8989

■ 232.1070, 11.2862,

20.0772

249.1300, 2.8939,
5.1480

54.3740, 9.6756,
23.3510

54.3740, 9.6756,
23.3510

49.5640, 11.5539,
27.5694

59.1840, 7.7973,
19.1326

44.6400, 12.9955,
31.8877

64.1080, 6.3558,
14.8143

39.8300, 14.8738,
36.1061

68.9180, 4.4774,
10.5959

35.0200, 16.7521,
40.3245

73.7280, 2.5991,
6.3775

31.9710, 17.7623,
42.9984

79.1250, 0.4314,
1.6444

■ 84.0490, -1.0102,
-2.6740

■ 88.8590, -2.8885,
-6.8923

■ 93.6690, -4.7668,
-11.1107

■ 98.5930, -6.2083,
-15.4291

Harmonies

Analogous

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



53.8210, 18.3292, 1.0340



54.3740, 9.6756, 23.3510



52.2200, -0.1085, 34.8871

Triad

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



54.3740, 9.6756, 23.3510



50.2900, -23.3140, 11.1467



45.6450, 14.9650, -40.0307

Complementary

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



54.3740, 9.6756, 23.3510



63.6260, -9.6756, -23.3510

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.



43.7240, 5.0661, -38.3459



54.3740, 9.6756, 23.3510



47.9610, -17.7288, -6.9818

Square

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



54.3740, 9.6756, 23.3510



51.2300, -18.8474, 25.2313



40.8250, -4.8437, -33.1725



46.2950, 22.5326, -40.6007

Rectangle

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



54.3740, 9.6756, 23.3510



51.5100, -6.6604, 36.3867



40.8250, -4.8437, -33.1725



45.4340, 11.6180, -39.8456

Sweetspot

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



54.3740, 9.6756, 23.3510



94.6790, 3.6093, 9.0515



44.1090, 18.1873, -0.0956



47.3150, 2.3097, 5.8627



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.



54.3740, 9.6756, 23.3510



63.8300, 14.8738, 36.1061



51.8660, 0.0661, 25.5505



38.5380, 0.7208, 2.1592



41.4270, 22.9605, 55.7535



91.5980, 50.9772, 123.1326

Inverse Universe

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



54.3740, 9.6756, 23.3510



63.8300, 14.8738, 36.1061



66.1340, -0.0661, -25.5505



38.5380, 0.7208, 2.1592



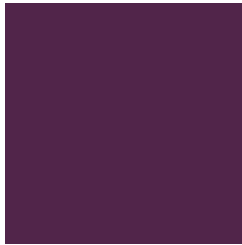
41.4270, 22.9605, 55.7535



91.5980, 50.9772, 123.1326

Previews

White Background



This preview shows how the YUV color 54.3740, 9.6756, 23.3510 looks on a white background.

Color Contrast Check

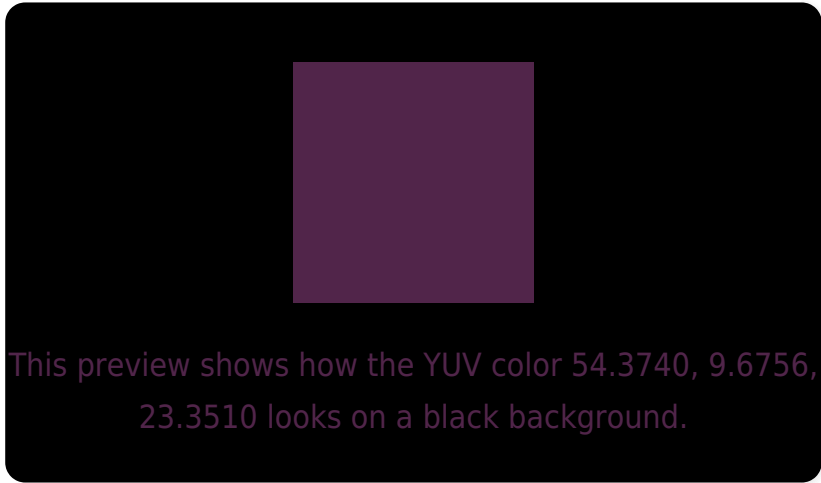
Large Text (above 18pt) WCAG AA ✓ Pass

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

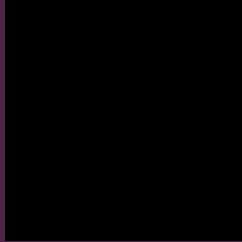
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.3740, 9.6756, 23.3510

Background



This preview shows how black text looks on a background with the YUV color 54.3740, 9.6756, 23.3510.



This preview shows how white text looks on a background with the YUV color 54.3740, 9.6756,

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

54.3740, 9.6756, 23.3510

Protanopia

53.2880, 16.6200, -10.7766

Deuteranopia

53.8560, 8.4520, -4.2587



Tritanopia

54.5080, -3.7014, 20.6025

Trichromacy



Original Color

54.3740, 9.6756, 23.3510

Protanomaly

53.6810, 13.9613, 2.0338

Deuteranomaly

54.0360, 8.8563, 6.1074

Tritanomaly

54.1860, 1.3873, 21.7619

Monochromacy



Original Color

54.3740, 9.6756, 23.3510

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.2660, 3.3199, 8.5367

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3740, 9.6756, 23.3510 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(81, 37, 74)` looks like.

```
.text, #text, p{  
    color:rgb(81, 37, 74)  
}
```

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(81, 37, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 37, 74) }
```

Border

The CSS property to change the border of an element to YUV 54.3740, 9.6756, 23.3510 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(81, 37, 74) }
```


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

```
.border{ border-color:rgb(81, 37, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 37, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 37, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 37, 74);  
box-shadow:4px 4px 4px 4px rgb(81, 37, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.3740, 9.6756, 23.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 37, 74) }
```

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

```
.background{ background-color: rgb(81, 37,  
74) }
```

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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