

Converting Colors

YUV(54.4440, 10.1341, 16.2736)

Have a look what the booklet for
YUV(54.4440, 10.1341, 16.2736)
contains.

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Color

**YUV(54.4440, 10.1341,
16.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	49294B
RGB	73, 41, 75
RGB Percent	29%, 16%, 29%
CMY	0.7137, 0.8392, 0.7059
CMYK	0.03, 0.45, 0.00, 0.71
HSL	296°, 29%, 23%
HSV	296°, 45%, 29%
XYZ	4.8106, 3.5103, 7.0806
YIQ	54.4440, 8.1580, 17.3580

Conversions

Conversions Part 2

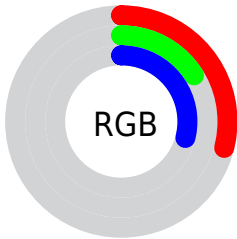
Format	Color
R_{YB}	73, 41, 75
Decimal	4794699
CIE _{Lab}	21.98, 21.24, -14.94
CIE _{LCh}	22, 25.966, 324.872
Yxy	3.5103, 0.3123, 0.2279
Android (android.graphics.Color)	4282984779 (0xFF49294B)
YUV	54.4440, 10.1341, 16.2736
Hunter-Lab	18.7359, 13.0434, -9.2916

Details

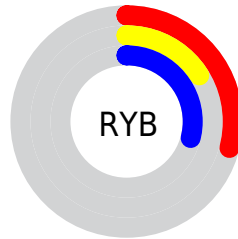
The YUV color **54.4440, 10.1341, 16.2736** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **61.5560, -10.1341, -16.2736**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6830, 11.0023, 17.8180**, and **12.8030, 8.9711, 15.9588** is the 20% darker color. If you saturate the color by 10%, you get **50.3350, 12.1598, 19.8772**, and if you desaturate by 10%, it is **59.1400, 7.8190, 12.1552**.

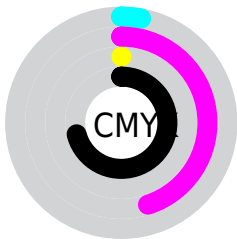
Distribution



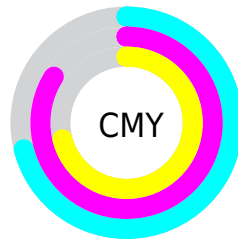
- Red (29%)
- Green (16%)
- Blue (29%)



- Red (29%)
- Yellow (16%)
- Blue (29%)



- Cyan (3%)
- Magenta (45%)
- Yellow (0%)
- Black (71%)



- Cyan (71%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.4440, 10.1341, 16.2736 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 54.4440, 10.1341, 16.2736 by changing the saturation by 10% instead.

■ 54.4440, 10.1341,
16.2736

■ 54.4440, 10.1341,
16.2736

■ 255.0000, 0.0000,
0.0000

■ 32.0310, 9.8447,
15.7588

■ 101.6830, 11.0023,
17.8180

■ 12.8030, 8.9711,
15.9588

■ 127.3950, 11.1443,
18.9476

■ 0.3420, 1.3104,
-0.2999

■ 153.5090, 11.5811,
18.8476

■ 0.0000, 0.0000,
0.0000

■ 180.2210, 11.7230,
19.9772

■ 207.6340, 12.0124,
20.4920

■ 233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

54.4440, 10.1341,
16.2736

54.4440, 10.1341,
16.2736

50.3350, 12.1598,
19.8772

59.1400, 7.8190,
12.1552

45.3400, 14.6224,
23.3808

63.5480, 5.6458,
9.1664

41.2310, 16.6481,
26.9844

68.2440, 3.3307,
5.0480

36.2360, 19.1107,
30.4880

72.6520, 1.1576,
2.0592

32.1270, 21.1364,
34.0916

77.3480, -1.1576,
-2.0592

■ 29.7790, 22.2940,
36.1508

■ 81.7560, -3.3307,
-5.0480

■ 86.4520, -5.6458,
-9.1664

■ 90.8600, -7.8190,
-12.1552

■ 95.5560, -10.1341,
-16.2736

Harmonies

Analogous

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



53.1470, 17.1825, -4.5139



54.4440, 10.1341, 16.2736



53.3440, 1.8024, 28.6393

Triad

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



54.4440, 10.1341, 16.2736



50.4520, -18.9568, 13.6356



44.1460, 11.7600, -38.7160

Complementary

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



54.4440, 10.1341, 16.2736



61.5560, -10.1341, -16.2736

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.



41.9800, 3.4609, -36.8165



54.4440, 10.1341, 16.2736



48.6350, -16.5821, -1.4339

Square

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



54.4440, 10.1341, 16.2736



51.5550, -15.0636, 24.9463



45.5170, -7.6499, -19.7474



44.7960, 19.3276, -39.2861

Rectangle

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



54.4440, 10.1341, 16.2736



52.4600, -4.1708, 31.1686



45.5170, -7.6499, -19.7474



43.4620, 9.1392, -38.1162

Sweetspot

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



54.4440, 10.1341, 16.2736



88.4830, 4.1989, 6.5924



46.0500, 14.2724, -4.4288



43.3040, 2.3151, 4.1184



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



54.4440, 10.1341, 16.2736



65.5790, 15.4906, 24.9252



53.3320, 3.2873, 19.0028



35.6520, 1.1576, 2.0592



40.3320, 30.4023, 48.8208



90.8040, 68.6236, 109.7969

Inverse Universe

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



51.3940, -4.1382, 20.7025



60.8900, -6.3548, 31.6685



62.6680, -3.2873, -19.0028



35.3100, -0.1528, 2.3591



31.1820, -12.4147, 62.1074



70.2520, -28.2252, 140.0990

Previews

White Background



This preview shows how the YUV color 54.4440, 10.1341, 16.2736 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 54.4440, 10.1341, 16.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

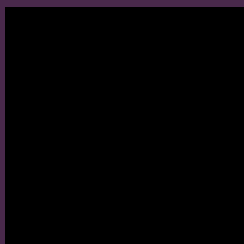
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.4440, 10.1341, 16.2736

Background



This preview shows how black text looks on a background with the YUV color 54.4440, 10.1341, 16.2736.



This preview shows how white text looks on a background with the YUV color 54.4440, 10.1341,

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

54.4440, 10.1341, 16.2736

Protanopia

52.3590, 15.5990, -9.9618

Deuteranopia

52.8990, 9.9098, -5.1734



Tritanopia

54.2190, -2.0800, 13.8399

Trichromacy



Original Color

54.4440, 10.1341, 16.2736

Protanomaly

53.2570, 13.6773, -0.2254

Deuteranomaly

53.3560, 10.1775, 2.3188

Tritanomaly

54.3700, 2.2826, 14.5845

Monochromacy



Original Color

54.4440, 10.1341, 16.2736

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.4440, 10.1341, 16.2736 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(73, 41, 75)` looks like.

```
.text, #text, p{  
    color:rgb(73, 41, 75)  
}
```

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(73, 41, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 41, 75) }
```

Border

The CSS property to change the border of an element to YUV 54.4440, 10.1341, 16.2736 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(73, 41, 75) }
```


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

```
.border{ border-color:rgb(73, 41, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 41, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 41, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 41, 75);  
box-shadow:4px 4px 4px 4px rgb(73, 41, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.4440, 10.1341, 16.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 41, 75) }
```

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

```
.background{ background-color: rgb(73, 41,  
75) }
```

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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