

Converting Colors

YUV(52.6660, 10.0247, 4.6779)

Have a look what the booklet for
YUV(52.6660, 10.0247, 4.6779)
contains.

YUV(52.6660, 10.0247, 4.6779)	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(52.6660, 10.0247,
4.6779)**

Conversions

Conversions Part 1

Format	Color
Hex	3A2E49
RGB	58, 46, 73
RGB Percent	23%, 18%, 29%
CMY	0.7725, 0.8196, 0.7137
CMYK	0.21, 0.37, 0.00, 0.71
HSL	267°, 23%, 23%
HSV	267°, 37%, 29%
XYZ	3.9245, 3.3346, 6.7401
YIQ	52.6660, -1.5150, 10.9410

Conversions

Conversions Part 2

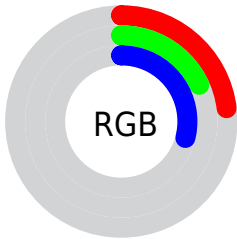
Format	Color
R_{YB}	58, 46, 73
Decimal	3812937
CIE _{Lab}	21.34, 11.88, -14.74
CIE _{LCh}	21, 18.935, 308.868
Yxy	3.3346, 0.2803, 0.2382
Android (android.graphics.Color)	4282003017 (0xFF3A2E49)
YUV	52.6660, 10.0247, 4.6779
Hunter-Lab	18.2608, 6.4059, -9.1016

Details

The YUV color **52.6660, 10.0247, 4.6779** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **66.3340, -10.0247, -4.6779**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.6060, 11.0402, 5.6075**, and **8.5030, 10.5980, 7.4519** is the 20% darker color. If you saturate the color by 10%, you get **47.3610, 12.6400, 5.8224**, and if you desaturate by 10%, it is **57.9710, 7.4093, 3.5334**.

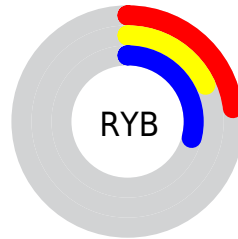
Distribution



 Red (23%)

 Green (18%)

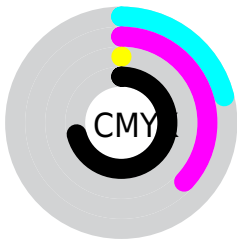
 Blue (29%)



 Red (23%)

 Yellow (18%)

 Blue (29%)

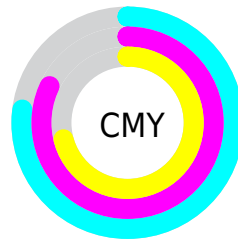


 Cyan (21%)

 Magenta (37%)

 Yellow (0%)

 Black (71%)



 Cyan (77%)

 Magenta (82%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6660, 10.0247, 4.6779 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 52.6660, 10.0247, 4.6779 by changing the saturation by 10% instead.

■ 52.6660, 10.0247,
4.6779

■ 52.6660, 10.0247,
4.6779

■ 255.0000, 0.0000,
0.0000

■ 31.1390, 9.2985,
4.2631

■ 99.6060, 11.0402,
5.6075

■ 8.5030, 10.5980,
7.4519

■ 124.7200, 11.4770,
5.5076

■ 0.0000, 0.0000,
0.0000

■ 150.1330, 11.7664,
6.0224

■ 177.2470, 12.2032,
5.9224

■ 204.6600, 12.4926,
6.4372

■ 232.3180, 11.1822,

6.7371

253.2390, 0.8682,
1.5444

52.6660, 10.0247,
4.6779

52.6660, 10.0247,
4.6779

47.3610, 12.6400,
5.8224

57.9710, 7.4093,
3.5334

41.4690, 15.5448,
7.4817

63.8630, 4.5045,
1.8741

36.1640, 18.1601,
8.6262

69.1680, 1.8892,
0.7297

30.8590, 20.7755,
9.7707

74.4730, -0.7262,
-0.4148

24.9670, 23.6803,
11.4299

80.3650, -3.6309,
-2.0741

■ 19.6620, 26.2956,
12.5744

■ 85.6700, -6.2463,
-3.2186

■ 17.8900, 27.1692,
12.3745

■ 90.9750, -8.8617,
-4.3631

■ 96.2800, -11.4770,
-5.5076

■ 102.1720,
-14.3818, -7.1668

Harmonies

Analogous

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



50.0060, 14.2940, -11.4063



52.6660, 10.0247, 4.6779



52.6630, 4.6031, 16.9585

Triad

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



52.6660, 10.0247, 4.6779



50.7710, -12.7051, 15.1098



40.9030, 6.9498, -35.8719

Complementary

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



52.6660, 10.0247, 4.6779



66.3340, -10.0247, -4.6779

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.



45.2980, -2.1189, -20.4323



52.6660, 10.0247, 4.6779



49.8900, -13.2568, 5.3585

Square

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



52.6660, 10.0247, 4.6779



51.2540, -8.5062, 21.7022



47.8500, -9.2930, -6.0074



41.7980, 12.9176, -36.6568

Rectangle

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



52.6660, 10.0247, 4.6779



52.4310, -0.2125, 21.5470



47.8500, -9.2930, -6.0074



41.2410, 4.3182, -31.7834

Sweetspot

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



52.6660, 10.0247, 4.6779



86.6350, 3.6309, 2.0741



57.8830, 7.4527, -10.4214



43.5810, 2.1786, 1.2445



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.



52.6660, 10.0247, 4.6779



63.0560, 15.2554, 6.9669



56.5530, 8.1084, 12.6700



33.0540, 1.4524, 0.8296



24.4420, 36.7571, 17.1524



56.0770, 84.2650, 39.3975

Inverse Universe

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



55.7830, 2.5720, 15.0993



67.8810, 4.0027, 22.9064



62.4470, -8.1084, -12.6700



33.4240, 0.2840, 2.2592



35.8710, 9.4306, 55.3641



82.2370, 21.5752, 126.9572

Previews

White Background



This preview shows how the YUV color 52.6660, 10.0247, 4.6779 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 52.6660, 10.0247, 4.6779 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 52.6660, 10.0247, 4.6779

Background



This preview shows how black text looks on a background with the YUV color 52.6660, 10.0247, 4.6779.



This preview shows how white text looks on a background with the YUV color 52.6660, 10.0247,

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

52.6660, 10.0247, 4.6779

Protanopia

51.2730, 12.6834, -8.1324

Deuteranopia

51.3010, 10.2046, -6.4030



Tritanopia

51.9510, 1.0102, 2.6740

Trichromacy



Original Color

52.6660, 10.0247, 4.6779

Protanomaly

51.7790, 11.9410, -3.3142

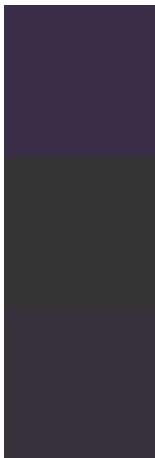
Deuteranomaly

51.6220, 10.0464, -2.2995

Tritanomaly

52.4610, 4.2097, 3.1037

Monochromacy



Original Color

52.6660, 10.0247, 4.6779

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.6350, 3.6309, 2.0741

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6660, 10.0247, 4.6779 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(58, 46, 73)` looks like.

```
.text, #text, p{  
    color:rgb(58, 46, 73)  
}
```

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(58, 46, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 46, 73) }
```

Border

The CSS property to change the border of an element to YUV 52.6660, 10.0247, 4.6779 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(58, 46, 73) }
```


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

```
.border{ border-color:rgb(58, 46, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 46, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 46, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 46, 73);  
box-shadow:4px 4px 4px 4px rgb(58, 46, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.6660, 10.0247, 4.6779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 46, 73) }
```

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

```
.background{ background-color: rgb(58, 46,  
73) }
```

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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