

Converting Colors

YUV(40.0560, 1.9444, 29.7689)

Have a look what the booklet for
YUV(40.0560, 1.9444, 29.7689)
contains.

YUV(40.0560, 1.9444, 29.7689)	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(40.0560, 1.9444,
29.7689)**

Conversions

Conversions Part 1

Format	Color
Hex	4A162C
RGB	74, 22, 44
RGB Percent	29%, 9%, 17%
CMY	0.7098, 0.9137, 0.8275
CMYK	0.00, 0.70, 0.41, 0.71
HSL	335°, 54%, 19%
HSV	335°, 70%, 29%
XYZ	3.5656, 2.2115, 2.6218
YIQ	40.0560, 23.9300, 17.8660

Conversions

Conversions Part 2

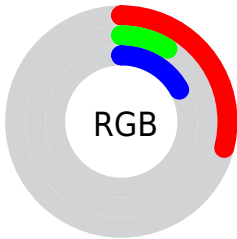
Format	Color
RYB	74, 22, 44
Decimal	4855340
CIELab	16.56, 27.03, -1.61
CIELCh	17, 27.081, 356.581
Yxy	2.2115, 0.4245, 0.2633
Android (android.graphics.Color)	4283045420 (0xFF4A162C)
YUV	40.0560, 1.9444, 29.7689
Hunter-Lab	14.8712, 16.7734, -0.0431

Details

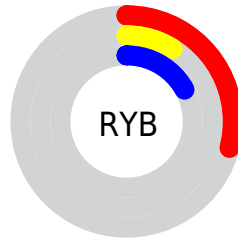
The YUV color **40.0560, 1.9444, 29.7689** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **55.9440, -1.9444, -29.7689**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.0240, 0.4812, 32.4280**, and **7.5890, -3.2484, 15.2694** is the 20% darker color. If you saturate the color by 10%, you get **35.4910, 2.2229, 33.7724**, and if you desaturate by 10%, it is **44.6210, 1.6658, 25.7654**.

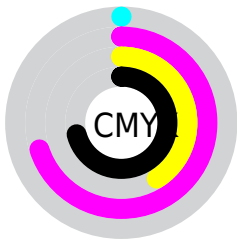
Distribution



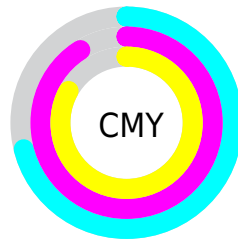
- Red (29%)
- Green (9%)
- Blue (17%)



- Red (29%)
- Yellow (9%)
- Blue (17%)



- Cyan (0%)
- Magenta (70%)
- Yellow (41%)
- Black (71%)



- Cyan (71%)
- Magenta (91%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0560, 1.9444, 29.7689 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 40.0560, 1.9444, 29.7689 by changing the saturation by 10% instead.

40.0560, 1.9444,
29.7689

40.0560, 1.9444,
29.7689

255.0000, 0.0000,
0.0000

17.6860, 3.1128,
28.3394

88.0240, 0.4812,
32.4280

7.5890, -3.2484,
15.2694

113.0350, 0.4757,
34.1723

0.0000, 0.0000,
0.0000

138.6330, 0.1809,
35.4019


165.3450, 0.3229,
36.5314


192.9430, 0.0281,
37.7610

218.2520, 1.3548,

32.2280

 237.8800, 5.4822,
15.0142

 40.0560, 1.9444,
29.7689

 40.0560, 1.9444,
29.7689

 35.4910, 2.2229,
33.7724

 44.6210, 1.6658,
25.7654


 30.2250, 2.3541,
38.3907

 49.8870, 1.5347,
21.1471

 25.6600, 2.6326,
42.3942

 54.4520, 1.2562,
17.1436

 59.6040, 0.6882,
12.6253

 64.1690, 0.4097,
8.6218

■ 68.8480, 0.5679,
4.5183

■ 74.0000, 0.0000,
0.0000

■ 78.5650, -0.2785,
-4.0035

■ 83.7170, -0.8465,
-8.5218

Harmonies

Analogous

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



42.0420, 9.8393, 17.5032



40.0560, 1.9444, 29.7689



39.3630, -7.0810, 31.2536

Triad

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



40.0560, 1.9444, 29.7689



36.8800, -18.1818, -1.6488



36.4980, 17.9955, -32.0087

Complementary

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



40.0560, 1.9444, 29.7689



55.9440, -1.9444, -29.7689

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.



35.9620, 10.8647, -31.5387



40.0560, 1.9444, 29.7689



31.7230, -6.7654, -23.4361

Square

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



40.0560, 1.9444, 29.7689



38.7400, -19.0988, 12.5060



33.6820, 2.1288, -29.5391



34.9480, 22.2106, -30.6494

Rectangle

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



40.0560, 1.9444, 29.7689



39.3210, -13.4693, 26.9055



33.6820, 2.1288, -29.5391



36.6290, 15.9589, -32.1236

Sweetspot

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



40.0560, 1.9444, 29.7689



83.8920, 0.5462, 11.4957



36.5990, 18.4387, 12.6297



40.1580, 0.4151, 6.8774



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.



40.0560, 1.9444, 29.7689



44.0950, 2.9112, 46.3977



39.3090, -8.5333, 30.4240



35.4240, 0.2840, 2.2592



35.4000, 3.7468, 58.4082



79.8280, 8.4658, 131.7008

Inverse Universe

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



40.0560, 1.9444, 29.7689



44.0950, 2.9112, 46.3977



56.6910, 8.5333, -30.4240



35.4240, 0.2840, 2.2592



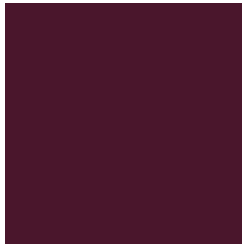
35.4000, 3.7468, 58.4082



79.8280, 8.4658, 131.7008

Previews

White Background



This preview shows how the YUV color 40.0560, 1.9444, 29.7689 looks on a white background.

Color Contrast Check

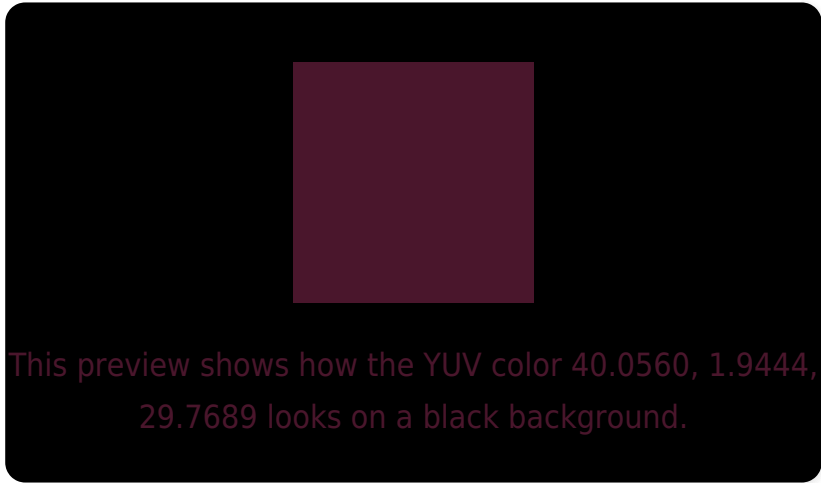
Large Text (above 18pt) WCAG AA ✓ Pass

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

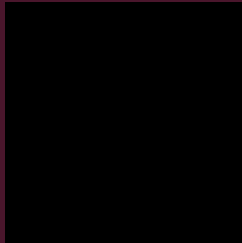
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.0560, 1.9444, 29.7689

Background



This preview shows how black text looks on a background with the YUV color 40.0560, 1.9444, 29.7689.



This preview shows how white text looks on a background with the YUV color 40.0560, 1.9444,

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

40.0560, 1.9444, 29.7689

Protanopia

42.4000, 6.7048, -3.8588

Deuteranopia

42.7940, -0.8844, 3.6887



Tritanopia

40.2810, -6.0545, 28.6946

Trichromacy



Original Color

40.0560, 1.9444, 29.7689

Protanomaly

41.7220, 5.0671, 8.1368

Deuteranomaly

41.7890, 0.1040, 13.3400

Tritanomaly

40.3780, -3.1444, 28.6095

Monochromacy



Original Color

40.0560, 1.9444, 29.7689

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.5930, 0.6937, 10.8809

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0560, 1.9444, 29.7689 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(74, 22, 44)` looks like.

```
.text, #text, p{  
    color:rgb(74, 22, 44)  
}
```

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(74, 22, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 22, 44) }
```

Border

The CSS property to change the border of an element to YUV 40.0560, 1.9444, 29.7689 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(74, 22, 44) }
```


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

```
.border{ border-color:rgb(74, 22, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 22, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 22, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 22, 44);  
box-shadow:4px 4px 4px 4px rgb(74, 22, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.0560, 1.9444, 29.7689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 22, 44) }
```

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

```
.background{ background-color: rgb(74, 22,  
44) }
```

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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