

Converting Colors

YUV(44.4760, 8.1463, 0.4595)

Have a look what the booklet for
YUV(44.4760, 8.1463, 0.4595)
contains.

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Color

**YUV(44.4760, 8.1463,
0.4595)**

Conversions

Conversions Part 1

Format	Color
Hex	2D293D
RGB	45, 41, 61
RGB Percent	18%, 16%, 24%
CMY	0.8235, 0.8392, 0.7608
CMYK	0.26, 0.33, 0.00, 0.76
HSL	252°, 20%, 20%
HSV	252°, 33%, 24%
XYZ	2.7174, 2.4807, 4.7505
YIQ	44.4760, -4.0360, 7.0680

Conversions

Conversions Part 2

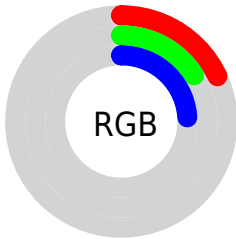
Format	Color
RYB	45, 41, 61
Decimal	2959677
CIELab	17.83, 7.07, -12.08
CIElCh	18, 13.994, 300.327
Yxy	2.4807, 0.2731, 0.2494
Android (android.graphics.Color)	4281149757 (0xFF2D293D)
YUV	44.4760, 8.1463, 0.4595
Hunter-Lab	15.7502, 3.2343, -6.8575

Details


The YUV color **44.4760, 8.1463, 0.4595** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **57.5240, -8.1463, -0.4595**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.0030, 8.8725, 0.8744**, and **2.6390, 7.5730, -2.3144** is the 20% darker color. If you saturate the color by 10%, you get **39.4590, 10.6197, 0.4745**, and if you desaturate by 10%, it is **49.4930, 5.6730, 0.4446**.

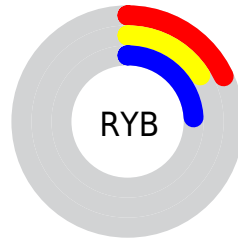
Distribution



 Red (18%)

 Green (16%)

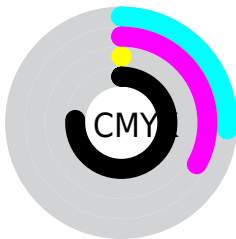
 Blue (24%)



 Red (18%)

 Yellow (16%)

 Blue (24%)

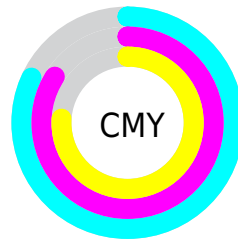


 Cyan (26%)

 Magenta (33%)

 Yellow (0%)

 Black (76%)



 Cyan (82%)

 Magenta (84%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4760, 8.1463, 0.4595 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 44.4760, 8.1463, 0.4595 by changing the saturation by 10% instead.

■ 44.4760, 8.1463,
0.4595

■ 44.4760, 8.1463,
0.4595

■ 255.0000, 0.0000,
0.0000

■ 23.9490, 7.4201,
0.0447

■ 90.0030, 8.8725,
0.8744

■ 2.6390, 7.5730,
-2.3144

■ 114.5300, 9.5987,
1.2892

■ 0.0000, 0.0000,
0.0000

■ 140.2310, 9.7461,
0.6744

■ 166.6440, 10.0355,
1.1892

■ 193.7580, 10.4723,
1.0892

■ 221.7580, 10.4723,

1.0892

248.2330, 3.3361,
3.3037

44.4760, 8.1463,
0.4595

44.4760, 8.1463,
0.4595

39.4590, 10.6197,
0.4745

49.4930, 5.6730,
0.4446

34.4420, 13.0931,
0.4894

54.5100, 3.1996,
0.4297

29.4250, 15.5665,
0.5043

59.5270, 0.7262,
0.4148

24.4080, 18.0399,
0.5192

64.5440, -1.7472,
0.3999

19.6900, 20.3658,
1.1489

69.8490, -4.3626,
-0.7446

■ 14.0860, 23.1286,
1.6786

■ 74.8660, -6.8359,
-0.7595

■ 10.5420, 24.8758,
1.2787

■ 79.8830, -9.3093,
-0.7744

■ 84.9000, -11.7827,
-0.7893

■ 89.9170, -14.2561,
-0.8042

Harmonies

Analogous

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



42.6810, 10.5103, -11.1212



44.4760, 8.1463, 0.4595



45.2060, 4.3354, 9.4663

Triad

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



44.4760, 8.1463, 0.4595



43.7860, -8.7685, 12.4657



38.1500, 2.3911, -20.3026

Complementary

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



44.4760, 8.1463, 0.4595



57.5240, -8.1463, -0.4595

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.



40.3100, -3.6038, -10.7959



44.4760, 8.1463, 0.4595



42.8130, -9.7678, 6.3030

Square

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



44.4760, 8.1463, 0.4595



44.4320, -5.1430, 16.2841



41.9260, -7.8515, -1.6891



36.5990, 8.0857, -26.8353

Rectangle

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



44.4760, 8.1463, 0.4595



44.7290, 1.1196, 14.2697



41.9260, -7.8515, -1.6891



39.0040, 0.4910, -17.5435

Sweetspot

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



44.4760, 8.1463, 0.4595



72.5100, 3.1996, 0.4297



52.6720, 4.1057, -10.2363



36.8690, 2.0366, 0.1149



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



44.4760, 8.1463, 0.4595



53.3280, 12.6563, 0.5893



47.4660, 6.6723, 6.6073



28.3420, 1.3104, -0.2999



16.3970, 38.2583, 2.2828



38.4640, 90.4832, 4.8551

Inverse Universe

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



48.8040, 4.0406, 10.6959



60.1190, 6.3503, 16.5586



54.5340, -6.6723, -6.6073



29.1250, 0.4314, 1.6444



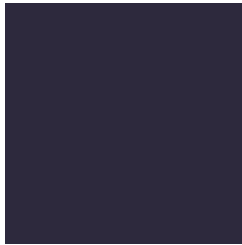
36.6560, 18.9036, 50.2907



86.5560, 44.5889, 118.7844

Previews

White Background



This preview shows how the YUV color 44.4760, 8.1463, 0.4595 looks on a white background.

Color Contrast Check

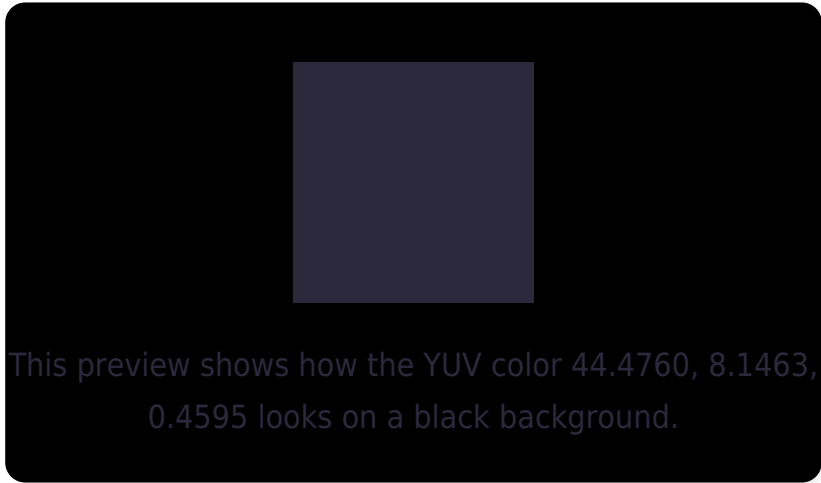
Large Text (above 18pt) WCAG AA ✓ Pass

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

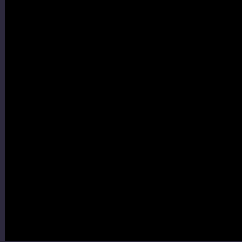
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4760, 8.1463, 0.4595

Background



This preview shows how black text looks on a background with the YUV color 44.4760, 8.1463, 0.4595.



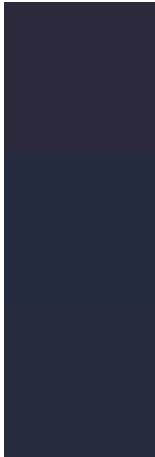
This preview shows how white text looks on a background with the YUV color 44.4760, 8.1463,

0.4595.

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

44.4760, 8.1463, 0.4595

Protanopia

43.4860, 9.6204, -5.6882

Deuteranopia

43.5570, 8.5994, -4.8735



Tritanopia

43.7440, 1.6052, -1.5295

Trichromacy



Original Color

44.4760, 8.1463, 0.4595

Protanomaly

43.6820, 9.0308, -3.2291

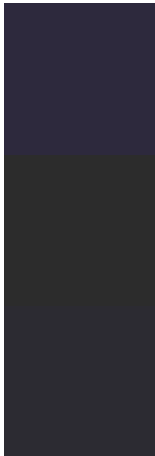
Deuteranomaly

43.8670, 8.4466, -2.5144

Tritanomaly

44.0260, 3.9312, -0.8998

Monochromacy



Original Color

44.4760, 8.1463, 0.4595

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4760, 8.1463, 0.4595 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(45, 41, 61)` looks like.

```
.text, #text, p{  
    color:rgb(45, 41, 61)  
}
```

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(45, 41, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 41, 61) }
```

Border

The CSS property to change the border of an element to YUV 44.4760, 8.1463, 0.4595 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(45, 41, 61) }
```


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

```
.border{ border-color:rgb(45, 41, 61) }
```

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

Here you see how a box with a 4 pixel rgb(45, 41, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 41, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 41, 61);  
box-shadow:4px 4px 4px 4px rgb(45, 41, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.4760, 8.1463, 0.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 41, 61) }
```

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

```
.background{ background-color: rgb(45, 41,  
61) }
```

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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