

Converting Colors

YUV(43.6500, 14.4695, 25.7400)

Have a look what the booklet for
YUV(43.6500, 14.4695, 25.7400)
contains.

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Color

**YUV(43.6500, 14.4695,
25.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	491749
RGB	73, 23, 73
RGB Percent	29%, 9%, 29%
CMY	0.7137, 0.9098, 0.7137
CMYK	0.00, 0.68, 0.00, 0.71
HSL	300°, 52%, 19%
HSV	300°, 68%, 29%
XYZ	4.2566, 2.5103, 6.5635
YIQ	43.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

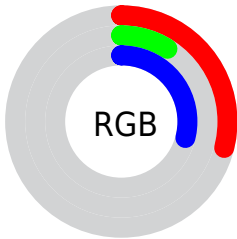
Format	Color
RYB	73, 23, 73
Decimal	4790089
CIELab	17.97, 31.16, -19.86
CIElCh	18, 36.949, 327.490
Yxy	2.5103, 0.3193, 0.1883
Android (android.graphics.Color)	4282980169 (0xFF491749)
YUV	43.6500, 14.4695, 25.7400
Hunter-Lab	15.8439, 20.2292, -13.4708

Details

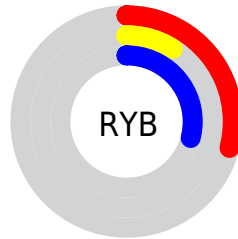
The YUV color **43.6500, 14.4695, 25.7400** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.3500, -14.4695, -25.7400**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.7750, 14.9009, 27.3843**, and **11.9770, 8.3923, 14.9292** is the 20% darker color. If you saturate the color by 10%, you get **39.5410, 16.4953, 29.3435**, and if you desaturate by 10%, it is **47.7590, 12.4438, 22.1364**.

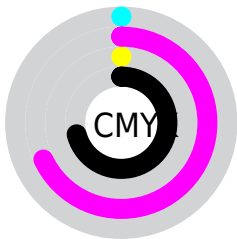
Distribution



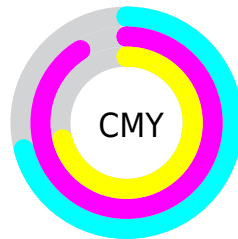
- Red (29%)
- Green (9%)
- Blue (29%)



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



- Cyan (0%)
- Magenta (68%)
- Yellow (0%)
- Black (71%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 43.6500, 14.4695, 25.7400 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 43.6500, 14.4695, 25.7400 by changing the saturation by 10% instead.

43.6500, 14.4695,
25.7400

43.6500, 14.4695,
25.7400

255.0000, 0.0000,
0.0000

20.3510, 14.6170,
25.1252

91.7750, 14.9009,
27.3843

11.9770, 8.3923,
14.9292

117.4870, 15.0429,
28.5139

0.0000, 0.0000,
0.0000

143.1990, 15.1849,
29.6435

170.0250, 15.7637,
30.6731

197.7370, 15.9057,
31.8027

223.3020, 15.6271,

27.7991

239.7380, 7.5242,
13.3848

43.6500, 14.4695,
25.7400

43.6500, 14.4695,
25.7400

39.5410, 16.4953,
29.3435

47.7590, 12.4438,
22.1364

34.8450, 18.8104,
33.4619

52.4550, 10.1287,
18.0180

30.7360, 20.8362,
37.0655

56.5640, 8.1029,
14.4144

30.1490, 21.1255,
37.5803

60.6730, 6.0772,
10.8108

65.3690, 3.7621,
6.6924

■ 69.4780, 1.7363,
3.0888

■ 73.5870, -0.2894,
-0.5148

■ 77.6960, -2.3151,
-4.1184

■ 82.3920, -4.6303,
-8.2368

Harmonies

Analogous

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



43.5580, 23.8819, -6.6284



43.6500, 14.4695, 25.7400



37.5400, 4.6638, 44.2534

Triad

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



43.6500, 14.4695, 25.7400



41.6970, -20.5566, 13.4207



40.0370, 13.7858, -35.1124

Complementary

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



43.6500, 14.4695, 25.7400



52.3500, -14.4695, -25.7400

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.



36.9590, 1.9922, -32.4130



43.6500, 14.4695, 25.7400



38.3310, -18.8972, -5.5523

Square

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



43.6500, 14.4695, 25.7400



40.6330, -20.0321, 31.8939



32.4790, -10.0961, -28.4841



41.2570, 23.5373, -36.1824

Rectangle

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



43.6500, 14.4695, 25.7400



37.3740, -3.6354, 46.1530



32.4790, -10.0961, -28.4841



39.5980, 9.5652, -34.7274

Sweetspot

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



43.6500, 14.4695, 25.7400



82.8470, 5.4984, 9.7812



28.7000, 21.8399, -4.9989



40.9560, 3.4727, 6.1776



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.



43.6500, 14.4695, 25.7400



48.8010, 22.2831, 39.6395



40.8000, 3.5496, 28.2394



33.6520, 1.1576, 2.0592



40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Inverse Universe

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



43.6500, 14.4695, 25.7400



48.8010, 22.2831, 39.6395



55.2000, -3.5496, -28.2394



33.6520, 1.1576, 2.0592



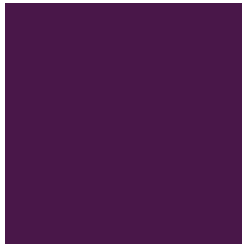
40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Previews

White Background



This preview shows how the YUV color 43.6500, 14.4695, 25.7400 looks on a white background.

Color Contrast Check

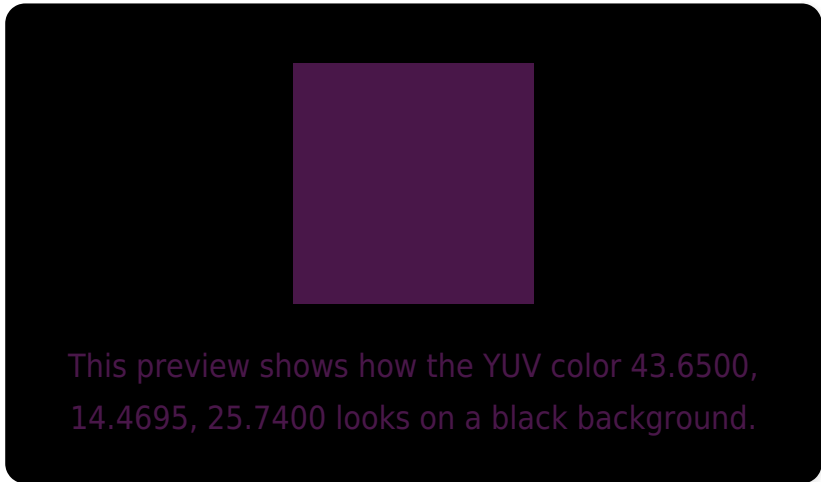
Large Text (above 18pt) WCAG AA ✓ Pass

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

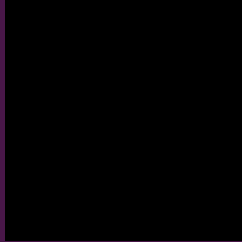
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.6500, 14.4695, 25.7400

Background



This preview shows how black text looks on a background with the YUV color 43.6500, 14.4695, 25.7400.



This preview shows how white text looks on a background with the YUV color 43.6500, 14.4695,

25.7400.

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

43.6500, 14.4695, 25.7400

Protanopia

38.4090, 26.4204, -27.5457

Deuteranopia

44.1480, 12.2520, -9.7768



Tritanopia

45.3940, -4.1382, 20.7025

Trichromacy



Original Color

43.6500, 14.4695, 25.7400

Protanomaly

40.0910, 22.1401, -7.9728

Deuteranomaly

44.0510, 12.7929, 3.4633

Tritanomaly

44.8270, 2.5503, 22.0767

Monochromacy



Original Color

43.6500, 14.4695, 25.7400

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.8470, 5.4984, 9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.6500, 14.4695, 25.7400 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, 23, 73)` looks like.

```
.text, #text, p{  
  color:rgb(73, 23, 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(73, 23, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 23, 73) }
```

Border

The CSS property to change the border of an element to YUV 43.6500, 14.4695, 25.7400 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, 23, 73) }
```


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

```
.border{ border-color:rgb(73, 23, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 23, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 23, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 23, 73);  
box-shadow:4px 4px 4px 4px rgb(73, 23, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.6500, 14.4695, 25.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 23, 73) }
```

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

```
.background{ background-color: rgb(73, 23,  
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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