

Converting Colors

YUV(43.4590, 14.0707, 13.6295)

Have a look what the booklet for
YUV(43.4590, 14.0707, 13.6295)
contains.

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Color

**YUV(43.4590, 14.0707,
13.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1E48
RGB	59, 30, 72
RGB Percent	23%, 12%, 28%
CMY	0.7686, 0.8824, 0.7176
CMYK	0.18, 0.58, 0.00, 0.72
HSL	281°, 41%, 20%
HSV	281°, 58%, 28%
XYZ	3.4376, 2.3262, 6.3987
YIQ	43.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

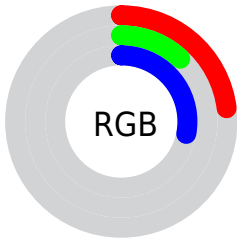
Format	Color
R_{YB}	59, 30, 72
Decimal	3874376
CIE _{Lab}	17.11, 22.62, -20.66
CIE _{LCh}	17, 30.638, 317.587
Yxy	2.3262, 0.2826, 0.1913
Android (android.graphics.Color)	4282064456 (0xFF3B1E48)
YUV	43.4590, 14.0707, 13.6295
Hunter-Lab	15.2520, 13.5406, -14.1977

Details

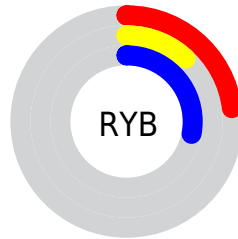
The YUV color **43.4590, 14.0707, 13.6295** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **58.5410, -14.0707, -13.6295**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.1110, 15.2283, 15.6887**, and **5.5840, 11.0511, 2.1188** is the 20% darker color. If you saturate the color by 10%, you get **38.7520, 16.3913, 16.0035**, and if you desaturate by 10%, it is **48.1660, 11.7502, 11.2554**.

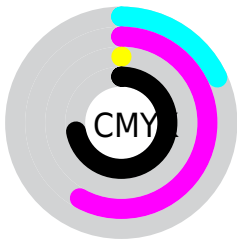
Distribution



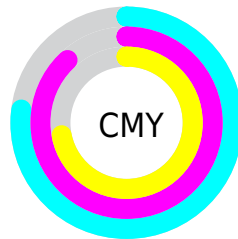
- Red (23%)
- Green (12%)
- Blue (28%)



- Red (23%)
- Yellow (12%)
- Blue (28%)



- Cyan (18%)
- Magenta (58%)
- Yellow (0%)
- Black (72%)



- Cyan (77%)
- Magenta (88%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4590, 14.0707, 13.6295 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 43.4590, 14.0707, 13.6295 by changing the saturation by 10% instead.

43.4590, 14.0707,
13.6295

43.4590, 14.0707,
13.6295

255.0000, 0.0000,
0.0000

21.0460, 13.7813,
13.1147

90.1110, 15.2283,
15.6887

5.5840, 11.0511,
2.1188

114.6380, 15.9545,
16.1035

0.0000, 0.0000,
0.0000

140.9370, 15.8071,
16.7183

167.4640, 16.5332,
17.1331

194.2900, 17.1120,
18.1627

222.3610, 16.0910,

18.9774

■ 242.0860, 6.3666,
11.3256

■ 43.4590, 14.0707,
13.6295

■ 43.4590, 14.0707,
13.6295

■ 38.7520, 16.3913,
16.0035

■ 48.1660, 11.7502,
11.2554

■ 34.0450, 18.7118,
18.3775

■ 52.8730, 9.4296,
8.8814

■ 28.4520, 21.4692,
20.6516

■ 58.4660, 6.6723,
6.6073

■ 23.7450, 23.7897,
23.0256

■ 63.1730, 4.3517,
4.2333

■ 23.1580, 24.0791,
23.5404

■ 67.8800, 2.0312,
1.8592

■ 72.5870, -0.2894,
-0.5148

■ 77.5930, -2.7573,
-2.2741

■ 82.8870, -5.3673,
-5.1629

■ 87.5940, -7.6878,
-7.5369

Harmonies

Analogous

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



39.0360, 22.1673, -16.6946



43.4590, 14.0707, 13.6295



40.6910, 5.5753, 31.8430

Triad

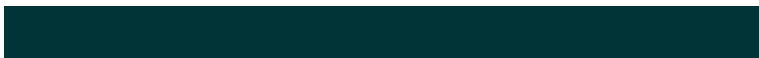
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.4590, 14.0707, 13.6295



40.5450, -19.9887, 17.9390



36.7940, 8.9756, -32.2683

Complementary

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



43.4590, 14.0707, 13.6295



58.5410, -14.0707, -13.6295

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.



34.1720, -1.0708, -29.9688



43.4590, 14.0707, 13.6295



38.9730, -19.2137, 2.6547

Square

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



43.4590, 14.0707, 13.6295



39.3600, -15.9535, 30.3793



33.5620, -12.6021, -18.0329



38.3730, 17.5641, -33.6531

Rectangle

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



43.4590, 14.0707, 13.6295



39.0030, -0.9875, 36.8314



33.5620, -12.6021, -18.0329



35.8820, 5.4812, -31.4685

Sweetspot

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



43.4590, 14.0707, 13.6295



82.5260, 5.6567, 5.6777



42.4190, 14.5834, -10.8915



41.2330, 3.3361, 3.3037



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.



43.4590, 14.0707, 13.6295



49.2780, 22.0479, 21.6812



46.4340, 8.6600, 22.4214



33.3530, 1.3050, 1.4444



31.9170, 33.0719, 32.5218



72.8210, 76.0102, 73.8250

Inverse Universe

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



44.0400, -0.5127, 24.5209



50.1280, -0.5561, 38.4757



55.5660, -8.6600, -22.4214



33.3100, -0.1528, 2.3591



33.1350, -1.0526, 57.7636



75.8530, -2.8855, 132.5559

Previews

White Background



This preview shows how the YUV color 43.4590, 14.0707, 13.6295 looks on a white background.

Color Contrast Check

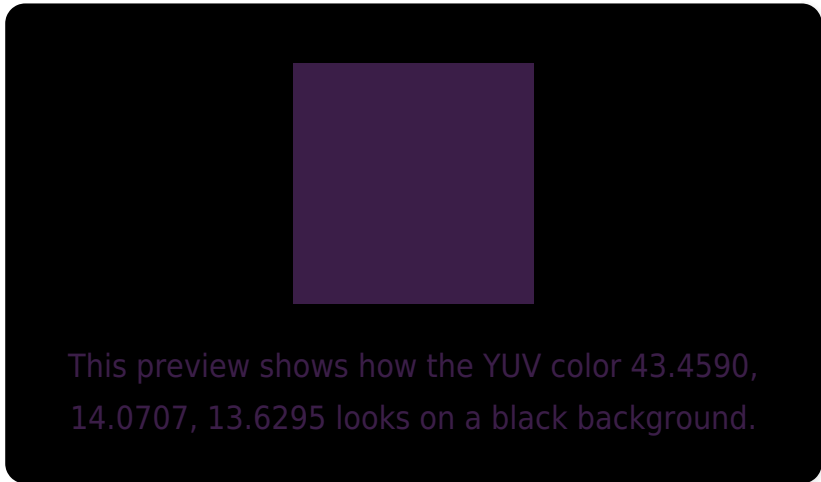
Large Text (above 18pt) WCAG AA ✓ Pass

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

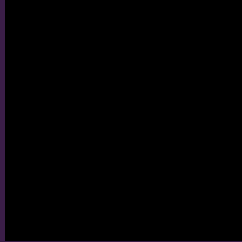
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.4590, 14.0707, 13.6295

Background



This preview shows how black text looks on a background with the YUV color 43.4590, 14.0707, 13.6295.



This preview shows how white text looks on a background with the YUV color 43.4590, 14.0707,

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

43.4590, 14.0707, 13.6295

Protanopia

38.9110, 21.7359, -18.3389

Deuteranopia

41.2940, 14.1521, -12.5358



Tritanopia

43.1260, -1.0481, 9.5365

Trichromacy



Original Color

43.4590, 14.0707, 13.6295

Protanomaly

40.5920, 18.9351, -6.6582

Deuteranomaly

42.0610, 14.2669, -2.6845

Tritanomaly

43.2170, 4.3300, 11.2107

Monochromacy



Original Color

43.4590, 14.0707, 13.6295

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.1130, 5.3673, 5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4590, 14.0707, 13.6295 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(59, 30, 72)` looks like.

```
.text, #text, p{  
    color:rgb(59, 30, 72)  
}
```

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(59, 30, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 30, 72) }
```

Border

The CSS property to change the border of an element to YUV 43.4590, 14.0707, 13.6295 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(59, 30, 72) }
```


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

```
.border{ border-color:rgb(59, 30, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 30, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 30, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 30, 72);  
box-shadow:4px 4px 4px 4px rgb(59, 30, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.4590, 14.0707, 13.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 30, 72) }
```

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

```
.background{ background-color: rgb(59, 30,  
72) }
```

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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