

Converting Colors

YUV(45.4430, 11.6136, 8.3815)

Have a look what the booklet for
YUV(45.4430, 11.6136, 8.3815)
contains.

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Color

**YUV(45.4430, 11.6136,
8.3815)**

Conversions

Conversions Part 1

Format	Color
Hex	372445
RGB	55, 36, 69
RGB Percent	22%, 14%, 27%
CMY	0.7843, 0.8588, 0.7294
CMYK	0.20, 0.48, 0.00, 0.73
HSL	275°, 31%, 21%
HSV	275°, 48%, 27%
XYZ	3.2806, 2.5036, 5.9406
YIQ	45.4430, 0.7310, 14.2910

Conversions

Conversions Part 2

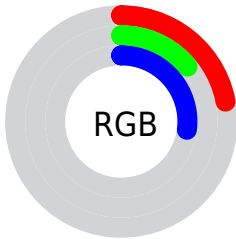
Format	Color
R_{YB}	55, 36, 69
Decimal	3613765
CIE _{Lab}	17.94, 16.52, -17.35
CIE _{LCh}	18, 23.957, 313.608
Yxy	2.5036, 0.2798, 0.2135
Android (android.graphics.Color)	4281803845 (0xFF372445)
YUV	45.4430, 11.6136, 8.3815
Hunter-Lab	15.8229, 9.3187, -11.1838

Details

The YUV color **45.4430, 11.6136, 8.3815** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59.5570, -11.6136, -8.3815**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.6820, 12.4818, 9.9259**, and **4.1600, 10.7671, -0.1403** is the 20% darker color. If you saturate the color by 10%, you get **40.4370, 14.0816, 10.1408**, and if you desaturate by 10%, it is **50.4490, 9.1456, 6.6222**.

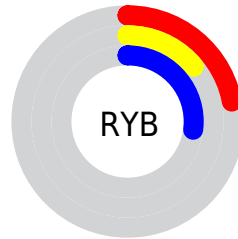
Distribution



Red (22%)

Green (14%)

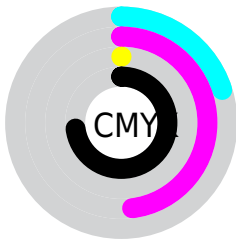
Blue (27%)



Red (22%)

Yellow (14%)

Blue (27%)

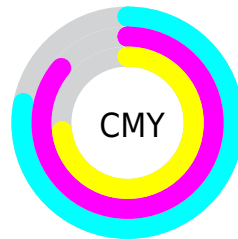


Cyan (20%)

Magenta (48%)

Yellow (0%)

Black (73%)



Cyan (78%)

Magenta (86%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.4430, 11.6136, 8.3815 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 45.4430, 11.6136, 8.3815 by changing the saturation by 10% instead.

■ 45.4430, 11.6136,
8.3815

■ 45.4430, 11.6136,
8.3815

■ 255.0000, 0.0000,
0.0000

■ 24.6170, 11.0348,
7.3519

■ 91.6820, 12.4818,
9.9259

■ 4.1600, 10.7671,
-0.1403

■ 116.2090, 13.2080,
10.3407

■ 0.0000, 0.0000,
0.0000

■ 142.3230, 13.6448,
10.2407

■ 168.7360, 13.9342,
10.7555

■ 196.1490, 14.2235,
11.2703

■ 223.6760, 14.9497,

11.6851

246.1950, 4.3409,
7.7220

45.4430, 11.6136,
8.3815

45.4430, 11.6136,
8.3815

40.4370, 14.0816,
10.1408

50.4490, 9.1456,
6.6222

35.4310, 16.5495,
11.9000

55.4550, 6.6777,
4.8630

30.4250, 19.0175,
13.6593

60.4610, 4.2097,
3.1037

25.4190, 21.4854,
15.4185

65.4670, 1.7418,
1.3444

21.0000, 23.6640,
16.6630

70.4730, -0.7262,
-0.4148

■ 19.8260, 24.2428,
17.6926

■ 74.8920, -2.9048,
-1.6593

■ 79.5990, -5.2253,
-4.0333

■ 84.6050, -7.6933,
-5.7926

■ 89.6110, -10.1612,
-7.5518

Harmonies

Analogous

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



42.0920, 17.2096, -13.2357



45.4430, 11.6136, 8.3815



44.6960, 4.5869, 22.1916

Triad

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



45.4430, 11.6136, 8.3815



42.6310, -17.0731, 16.1096



36.3380, 7.2284, -31.8684

Complementary

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



45.4430, 11.6136, 8.3815



59.5570, -11.6136, -8.3815

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.



34.4000, -0.1972, -30.1688



45.4430, 11.6136, 8.3815



40.8530, -17.1825, 4.5139

Square

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



45.4430, 11.6136, 8.3815



43.2930, -10.9904, 25.1760



38.5890, -10.1504, -11.0406



37.5750, 14.5065, -32.9533

Rectangle

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



45.4430, 11.6136, 8.3815



43.6490, -0.8130, 27.4948



38.5890, -10.1504, -11.0406



35.6540, 4.6076, -31.2686

Sweetspot

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



45.4430, 11.6136, 8.3815



80.4610, 4.2097, 3.1037



47.9800, 10.3629, -10.5065



40.4070, 2.7573, 2.2741



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



45.4430, 11.6136, 8.3815



52.7840, 17.8545, 13.3444



49.4010, 8.6763, 17.1883



33.0540, 1.4524, 0.8296



28.3290, 34.8408, 25.1445



65.0470, 79.8428, 57.8408

Inverse Universe

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



47.4630, 1.2507, 18.8879



55.7570, 2.0918, 29.1541



55.5990, -8.6763, -17.1883



33.4240, 0.2840, 2.2592



34.3890, 3.7522, 56.6638



78.8170, 8.4712, 129.9565

Previews

White Background



This preview shows how the YUV color 45.4430, 11.6136, 8.3815 looks on a white background.

Color Contrast Check

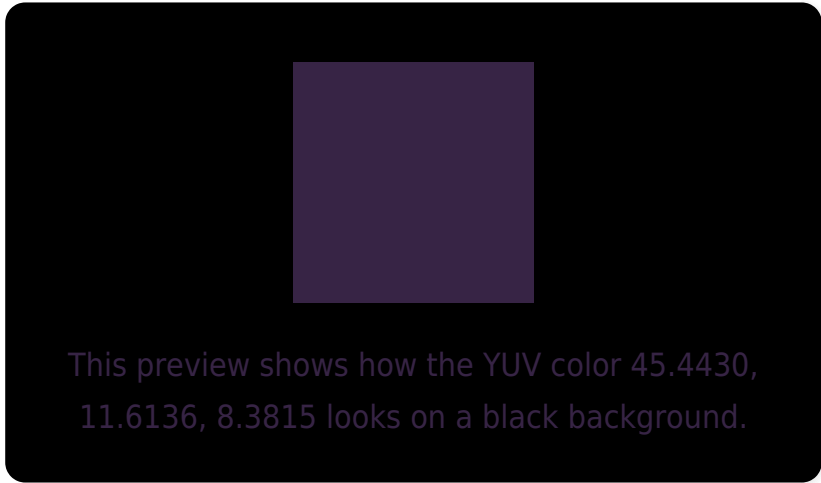
Large Text (above 18pt) WCAG AA ✓ Pass

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

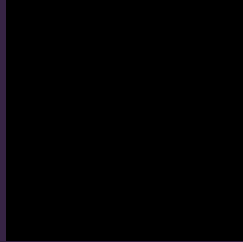
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.4430, 11.6136, 8.3815

Background



This preview shows how black text looks on a background with the YUV color 45.4430, 11.6136, 8.3815.



This preview shows how white text looks on a background with the YUV color 45.4430, 11.6136,

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

45.4430, 11.6136, 8.3815

Protanopia

42.8750, 16.3306, -11.2914

Deuteranopia

43.3330, 11.6678, -9.0620



Tritanopia

45.0330, -0.0163, 5.2331

Trichromacy



Original Color

45.4430, 11.6136, 8.3815

Protanomaly

43.4630, 14.5617, -3.9141

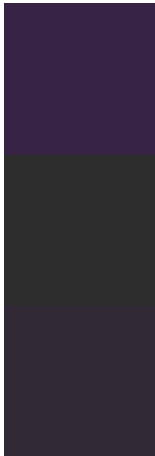
Deuteranomaly

44.0780, 11.7935, -2.6994

Tritanomaly

45.1840, 4.3463, 5.9776

Monochromacy



Original Color

45.4430, 11.6136, 8.3815

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.4610, 4.2097, 3.1037

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.4430, 11.6136, 8.3815 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(55, 36, 69)` looks like.

```
.text, #text, p{  
    color:rgb(55, 36, 69)  
}
```

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(55, 36, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 36, 69) }
```

Border

The CSS property to change the border of an element to YUV 45.4430, 11.6136, 8.3815 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(55, 36, 69) }
```


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

```
.border{ border-color:rgb(55, 36, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 36, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 36, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 36, 69);  
box-shadow:4px 4px 4px 4px rgb(55, 36, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.4430, 11.6136, 8.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 36, 69) }
```

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

```
.background{ background-color: rgb(55, 36,  
69) }
```

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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