

Converting Colors

YUV(45.5110, 8.6221, 34.6319)

Have a look what the booklet for
YUV(45.5110, 8.6221, 34.6319)
contains.

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Color

**YUV(45.5110, 8.6221,
34.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	55163F
RGB	85, 22, 63
RGB Percent	33%, 9%, 25%
CMY	0.6667, 0.9137, 0.7529
CMYK	0.00, 0.74, 0.26, 0.67
HSL	321°, 59%, 21%
HSV	321°, 74%, 33%
XYZ	4.9304, 2.8640, 4.9956
YIQ	45.5110, 24.3870, 26.1070

Conversions

Conversions Part 2

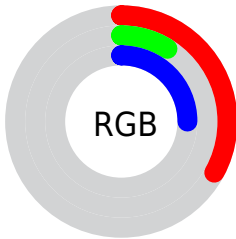
Format	Color
RYB	85, 22, 63
Decimal	5576255
CIELab	19.49, 33.50, -10.41
CIELCh	19, 35.076, 342.740
Yxy	2.8640, 0.3855, 0.2239
Android (android.graphics.Color)	4283766335 (0xFF55163F)
YUV	45.5110, 8.6221, 34.6319
Hunter-Lab	16.9233, 22.3881, -5.6554

Details

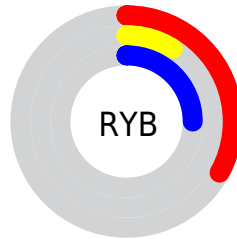
The YUV color **45.5110, 8.6221, 34.6319** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **61.4890, -8.6221, -34.6319**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2940, 7.7431, 36.5762**, and **14.3540, 3.2765, 22.4915** is the 20% darker color. If you saturate the color by 10%, you get **39.8860, 9.9162, 39.5650**, and if you desaturate by 10%, it is **50.5490, 7.6173, 30.2135**.

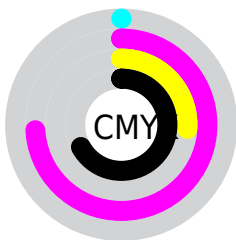
Distribution



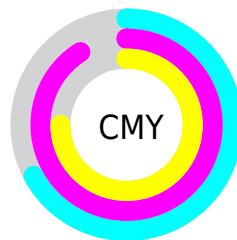
- Red (33%)
- Green (9%)
- Blue (25%)



- Red (33%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (74%)
- Yellow (26%)
- Black (67%)



- Cyan (67%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.5110, 8.6221, 34.6319 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 45.5110, 8.6221, 34.6319 by changing the saturation by 10% instead.

■ 45.5110, 8.6221,
34.6319

■ 45.5110, 8.6221,
34.6319

■ 255.0000, 0.0000,
0.0000

■ 22.6140, 9.0643,
32.7875

■ 95.2940, 7.7431,
36.5762

■ 14.3540, 3.2765,
22.4915

■ 120.8920, 7.4482,
37.8057

■ 0.0000, 0.0000,
0.0000


■ 146.9030, 7.4428,
39.5501


■ 174.2020, 7.2954,
40.1648


■ 201.9140, 7.4374,
41.2944


■ 222.8630, 11.4065,

28.1841


 240.9120, 6.9454,
12.3552

 45.5110, 8.6221,
34.6319


 45.5110, 8.6221,
34.6319


 39.8860, 9.9162,
39.5650

 50.5490, 7.6173,
30.2135

 34.8480, 10.9209,
43.9833

 56.1740, 6.3232,
25.2804

 31.6850, 11.4943,
46.7573

 61.2120, 5.3185,
20.8621

 66.8370, 4.0244,
15.9290

 71.8750, 3.0196,
11.5106

■ 77.5000, 1.7255,
6.5775

■ 82.5380, 0.7208,
2.1592

■ 88.1630, -0.5734,
-2.7740

■ 93.2010, -1.5781,
-7.1923

Harmonies

Analogous

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



48.7730, 17.8599, 11.6001



45.5110, 8.6221, 34.6319



42.2920, -2.6090, 43.5939

Triad

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



45.5110, 8.6221, 34.6319



43.7130, -21.5505, 5.5137



43.3940, 19.0328, -38.0565

Complementary

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



45.5110, 8.6221, 34.6319



61.4890, -8.6221, -34.6319

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.



41.2450, 8.2602, -36.1719



45.5110, 8.6221, 34.6319



38.3080, -17.4068, -16.9331

Square

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



45.5110, 8.6221, 34.6319



44.7090, -22.0415, 23.0572



37.5800, -3.2439, -32.9577



42.6420, 26.3055, -37.3970

Rectangle

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



45.5110, 8.6221, 34.6319



43.0930, -10.8918, 40.2604



37.5800, -3.2439, -32.9577



42.4820, 15.5384, -37.2567

Sweetspot

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



45.5110, 8.6221, 34.6319



94.8860, 3.0142, 13.2550



35.4610, 24.4227, 6.6117



47.2120, 1.8675, 7.7071



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



45.5110, 8.6221, 34.6319



48.5980, 13.5092, 53.8496



42.0910, -4.4819, 37.6312



40.5380, 0.7208, 2.1592



39.9730, 14.8033, 58.7827



87.7070, 32.1894, 129.1760

Inverse Universe

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



45.5110, 8.6221, 34.6319



48.5980, 13.5092, 53.8496



64.9090, 4.4819, -37.6312



40.5380, 0.7208, 2.1592



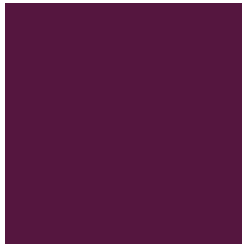
39.9730, 14.8033, 58.7827



87.7070, 32.1894, 129.1760

Previews

White Background



This preview shows how the YUV color 45.5110, 8.6221, 34.6319 looks on a white background.

Color Contrast Check

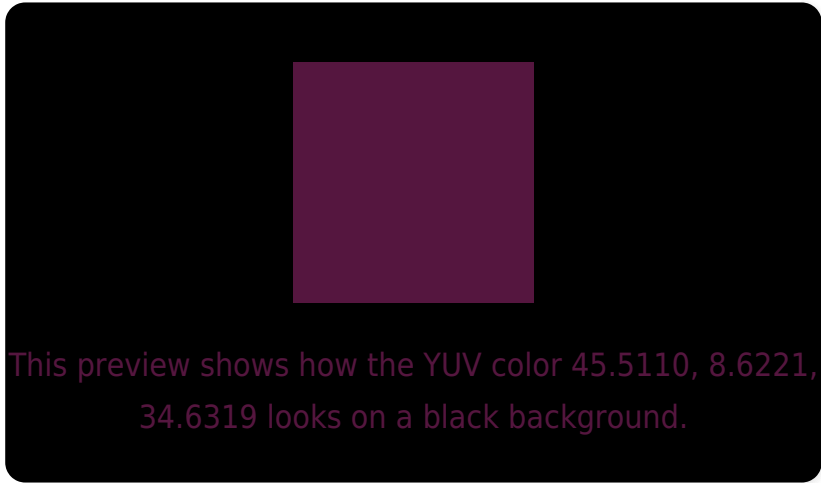
Large Text (above 18pt) WCAG AA ✓ Pass

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

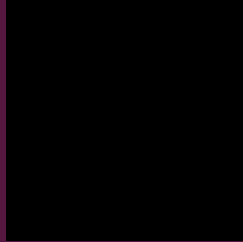
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.5110, 8.6221, 34.6319

Background



This preview shows how black text looks on a background with the YUV color 45.5110, 8.6221, 34.6319.



This preview shows how white text looks on a background with the YUV color 45.5110, 8.6221, 34.6319.

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

45.5110, 8.6221, 34.6319

Protanopia

47.6900, 16.9148, -12.0061

Deuteranopia

49.3680, 5.2416, -1.1997



Tritanopia

46.7760, -6.7916, 31.7684

Trichromacy



Original Color

45.5110, 8.6221, 34.6319

Protanomaly

47.2900, 13.6610, 5.0077

Deuteranomaly

48.0860, 6.3666, 11.3256

Tritanomaly

46.5680, -1.2660, 32.8279

Monochromacy



Original Color

45.5110, 8.6221, 34.6319

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.5870, 3.1616, 12.6402

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.5110, 8.6221, 34.6319 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(85, 22, 63)` looks like.

```
.text, #text, p{  
    color:rgb(85, 22, 63)  
}
```

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(85, 22, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 22, 63) }
```

Border

The CSS property to change the border of an element to YUV 45.5110, 8.6221, 34.6319 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(85, 22, 63) }
```


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

```
.border{ border-color:rgb(85, 22, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 22, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 22, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 22, 63);  
box-shadow:4px 4px 4px 4px rgb(85, 22, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.5110, 8.6221, 34.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 22, 63) }
```

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

```
.background{ background-color: rgb(85, 22,  
63) }
```

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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