

Converting Colors

YUV(43.5580, 20.9239, 55.6386)

Have a look what the booklet for
YUV(43.5580, 20.9239, 55.6386)
contains.

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Color

**YUV(43.5580, 20.9239,
55.6386)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0356
RGB	107, 3, 86
RGB Percent	42%, 1%, 34%
CMY	0.5804, 0.9882, 0.6627
CMYK	0.00, 0.97, 0.20, 0.58
HSL	312°, 95%, 22%
HSV	312°, 97%, 42%
XYZ	7.7757, 3.8628, 9.1399
YIQ	43.5580, 35.3410, 47.8610

Conversions

Conversions Part 2

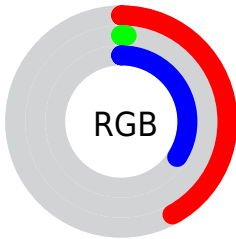
Format	Color
R_{YB}	107, 3, 86
Decimal	7013206
CIE _{Lab}	23.21, 48.04, -19.96
CIE _{LCh}	23, 52.018, 337.433
Yxy	3.8628, 0.3742, 0.1859
Android (android.graphics.Color)	4285203286 (0xFF6B0356)
YUV	43.5580, 20.9239, 55.6386
Hunter-Lab	19.6540, 36.2250, -13.8143

Details

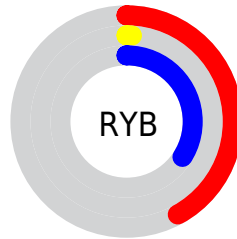
The YUV color **43.5580, 20.9239, 55.6386** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **66.4420, -20.9239, -55.6386**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.6840, 16.4248, 52.0201**, and **21.4180, 9.6539, 30.3284** is the 20% darker color. If you saturate the color by 10%, you get **41.6830, 21.3553, 57.2830**, and if you desaturate by 10%, it is **50.2430, 18.6142, 49.7759**.

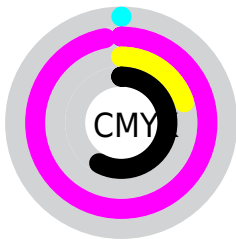
Distribution



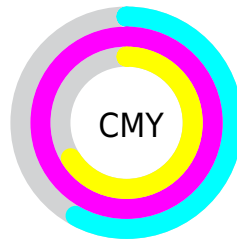
- Red (42%)
- Green (1%)
- Blue (34%)



- Red (42%)
- Yellow (1%)
- Blue (34%)



- Cyan (0%)
- Magenta (97%)
- Yellow (20%)
- Black (58%)



- Cyan (58%)
- Magenta (99%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.5580, 20.9239, 55.6386 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 43.5580, 20.9239, 55.6386 by changing the saturation by 10% instead.

■ 43.5580, 20.9239,
55.6386

■ 43.5580, 20.9239,
55.6386

255.0000, 0.0000,
0.0000

■ 31.4010, 15.5783,
43.4983

■ 102.6840, 16.4248,
52.0201

■ 21.4180, 9.6539,
30.3284

■ 129.2820, 16.1300,
53.2497

■ 10.8370, 4.0244,
15.9290

■ 156.8800, 15.8352,
54.4792


■ 0.0000, 0.0000,
0.0000


■ 184.5920, 15.9771,
55.6088


■ 205.8400, 19.7989,
43.1133


■ 223.8890, 15.3377,


27.2843


 240.3250, 7.2348,
12.8700


 43.5580, 20.9239,
55.6386


 43.5580, 20.9239,
55.6386


 41.6830, 21.3553,
57.2830

 50.2430, 18.6142,
49.7759

 56.3410, 16.5939,
44.4279

 63.0260, 14.2842,
38.5652

 69.8250, 12.4113,
32.6025

 76.5100, 10.1016,
26.7397

■ 82.6080, 8.0813,
21.3918

■ 89.2930, 5.7716,
15.5290

■ 95.9780, 3.4618,
9.6663

■ 102.0760, 1.4415,
4.3183

Harmonies

Analogous

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



55.4810, 30.8219, 7.4712



43.5580, 20.9239, 55.6386



41.6510, 3.1301, 69.5891

Triad

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



43.5580, 20.9239, 55.6386



51.6980, -25.4871, 8.1579



53.3050, 24.0066, -46.7485

Complementary

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



43.5580, 20.9239, 55.6386



66.4420, -20.9239, -55.6386

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.



48.9730, 7.4083, -42.9493



43.5580, 20.9239, 55.6386



42.3410, -20.8741, -24.8551

Square

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



43.5580, 20.9239, 55.6386



52.1620, -25.7159, 34.9379



43.1250, -9.9216, -37.8206



53.9210, 36.5209, -47.2887

Rectangle

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



43.5580, 20.9239, 55.6386



37.9040, -7.3477, 70.2442



43.1250, -9.9216, -37.8206



51.9370, 18.7651, -45.5487

Sweetspot

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



43.5580, 20.9239, 55.6386



115.6080, 8.0813, 21.3918



21.1350, 42.3314, 2.5126



55.7550, 5.0508, 13.3699



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



43.5580, 20.9239, 55.6386



54.6280, 28.2844, 74.8712



37.6300, -1.7896, 60.8375



50.2500, 0.8628, 3.2887



45.6990, 23.8124, 62.5310



95.4850, 49.0609, 131.1247

Inverse Universe

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



43.5580, 20.9239, 55.6386



54.6280, 28.2844, 74.8712



72.3700, 1.7896, -60.8375



50.2500, 0.8628, 3.2887



45.6990, 23.8124, 62.5310



95.4850, 49.0609, 131.1247

Previews

White Background



This preview shows how the YUV color 43.5580, 20.9239, 55.6386 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

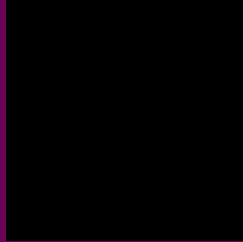
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.5580, 20.9239, 55.6386

Background



This preview shows how black text looks on a background with the YUV color 43.5580, 20.9239, 55.6386.



This preview shows how white text looks on a background with the YUV color 43.5580, 20.9239,

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

43.5580, 20.9239, 55.6386

Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

58.8280, 10.9308, -5.9882



Tritanopia

54.8590, -9.2975, 42.2197

Trichromacy



Original Color

43.5580, 20.9239, 55.6386

Protanomaly

45.6920, 30.7178, -5.8689

Deuteranomaly

53.2960, 14.6441, 16.4034

Tritanomaly

50.7530, 1.6008, 46.6976

Monochromacy



Original Color

43.5580, 20.9239, 55.6386

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.7820, 7.5025, 20.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.5580, 20.9239, 55.6386 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(107, 3, 86)` looks like.

```
.text, #text, p{  
    color:rgb(107, 3, 86)  
}
```

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(107, 3, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 3, 86) }
```

Border

The CSS property to change the border of an element to YUV 43.5580, 20.9239, 55.6386 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(107, 3, 86) }
```


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

```
.border{ border-color:rgb(107, 3, 86) }
```

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

Here you see how a box with a 4 pixel rgb(107, 3, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 3, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 3, 86);  
box-shadow:4px 4px 4px 4px rgb(107, 3, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.5580, 20.9239, 55.6386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 3, 86) }
```

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

```
.background{ background-color: rgb(107, 3,  
86) }
```

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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