

Converting Colors

YUV(43.6100, 35.1953, 4.7270)

Have a look what the booklet for
YUV(43.6100, 35.1953, 4.7270)
contains.

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Color

**YUV(43.6100, 35.1953,
4.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	311B73
RGB	49, 27, 115
RGB Percent	19%, 11%, 45%
CMY	0.8078, 0.8941, 0.5490
CMYK	0.57, 0.77, 0.00, 0.55
HSL	255°, 62%, 28%
HSV	255°, 77%, 45%
XYZ	4.7531, 2.6746, 16.4854
YIQ	43.6100, -15.1360, 32.0320

Conversions

Conversions Part 2

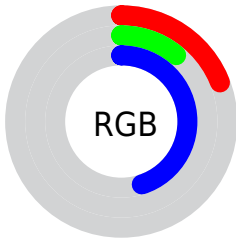
Format	Color
RYB	49, 27, 115
Decimal	3218291
CIELab	18.69, 34.68, -46.78
CIELCh	19, 58.238, 306.550
Yxy	2.6746, 0.1988, 0.1118
Android (android.graphics.Color)	4281408371 (0xFF311B73)
YUV	43.6100, 35.1953, 4.7270
Hunter-Lab	16.3543, 23.2575, -48.3172

Details

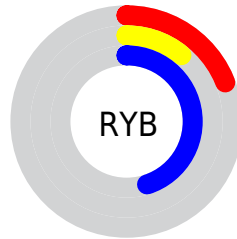
The YUV color **43.6100, 35.1953, 4.7270** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **98.3900, -35.1953, -4.7270**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.8000, 37.0736, 8.9454**, and **7.5240, 28.8287, -6.5985** is the 20% darker color. If you saturate the color by 10%, you get **34.4620, 39.7052, 4.8568**, and if you desaturate by 10%, it is **53.3450, 30.3959, 4.0824**.

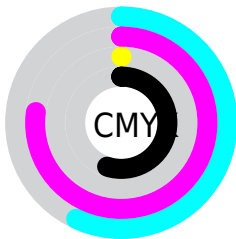
Distribution



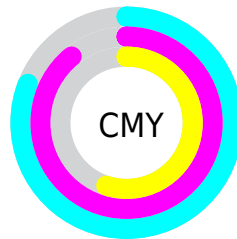
- Red (19%)
- Green (11%)
- Blue (45%)



- Red (19%)
- Yellow (11%)
- Blue (45%)



- Cyan (57%)
- Magenta (77%)
- Yellow (0%)
- Black (55%)



- Cyan (81%)
- Magenta (89%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.6100, 35.1953, 4.7270 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 43.6100, 35.1953, 4.7270 by changing the saturation by 10% instead.

■ 43.6100, 35.1953,
4.7270

■ 43.6100, 35.1953,
4.7270

■ 255.0000, 0.0000,
0.0000

■ 18.5770, 35.2115,
-0.5060

■ 92.8000, 37.0736,
8.9454

■ 7.5240, 28.8287,
-6.5985

■ 118.0390, 37.9418,
10.4898

■ 6.6630, 17.9141,
-5.8435

■ 144.9790, 38.9574,
11.4194

■ 2.9810, 8.8834,
-2.6143

■ 171.9190, 39.9729,
12.3490

■ 0.0000, 0.0000,
0.0000

■ 196.3680, 28.9056,
15.4633

■ 221.1870, 16.6698,

20.0070

241.4990, 6.6560,
11.8404

43.6100, 35.1953,
4.7270

43.6100, 35.1953,
4.7270

34.4620, 39.7052,
4.8568

53.3450, 30.3959,
4.0824

25.0260, 44.3572,
6.1162

62.1940, 26.0334,
3.3379

21.7810, 45.9570,
6.3311

71.9290, 21.2340,
2.6933

81.0770, 16.7240,
2.5635

90.5130, 12.0721,
1.3041

■ 99.6610, 7.5621,
1.1743

■ 109.0970, 2.9102,
-0.0851

■ 118.2450, -1.5998,
-0.2149

■ 127.9800, -6.3991,
-0.8595

Harmonies

Analogous

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



44.3980, 43.1878, -38.9370



43.6100, 35.1953, 4.7270



38.7210, 20.3505, 52.8647

Triad

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



43.6100, 35.1953, 4.7270



41.8400, -20.6271, 36.0973



41.9630, 5.9342, -36.8016

Complementary

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



43.6100, 35.1953, 4.7270



98.3900, -35.1953, -4.7270

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.



35.2030, -14.8901, -30.8730



43.6100, 35.1953, 4.7270



42.2400, -20.8243, 5.9285

Square

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



43.6100, 35.1953, 4.7270



31.6940, -15.6251, 65.1664



32.8720, -16.2059, -28.8287



46.7510, 24.2798, -41.0006

Rectangle

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



43.6100, 35.1953, 4.7270



39.4160, 6.2039, 63.6562



32.8720, -16.2059, -28.8287



39.6660, -0.3283, -34.7871

Sweetspot

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



43.6100, 35.1953, 4.7270



122.2680, 13.6719, 1.5190



75.7740, 19.3384, -42.7748



59.0030, 8.8725, 0.8744



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



43.6100, 35.1953, 4.7270



38.1970, 55.1189, 7.7202



56.7660, 28.7094, 31.7772



53.9830, 2.4734, 0.0149



23.1770, 48.7197, 6.8608



47.0380, 100.0603, 13.1217

Inverse Universe

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



60.8360, 15.8569, 47.5018



65.1180, 25.0848, 74.4415



85.2340, -28.7094, -31.7772



55.2500, 0.8628, 3.2888



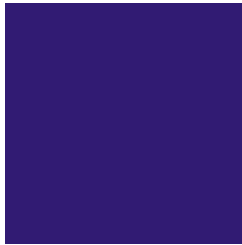
46.9660, 22.2018, 65.8048



96.0680, 44.8295, 134.9984

Previews

White Background



This preview shows how the YUV color 43.6100, 35.1953, 4.7270 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



This preview shows how the YUV color 43.6100, 35.1953, 4.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

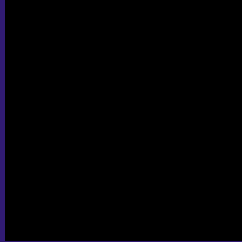
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.6100, 35.1953, 4.7270

Background



This preview shows how black text looks on a background with the YUV color 43.6100, 35.1953, 4.7270.



This preview shows how white text looks on a background with the YUV color 43.6100, 35.1953,

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

43.6100, 35.1953, 4.7270

Protanopia

37.1310, 28.0364, -32.5639

Deuteranopia

37.4100, 21.4899, -32.8086



Tritanopia

42.9810, 5.4324, -15.7693

Trichromacy



Original Color

43.6100, 35.1953, 4.7270

Protanomaly

39.3160, 30.9032, -18.6941

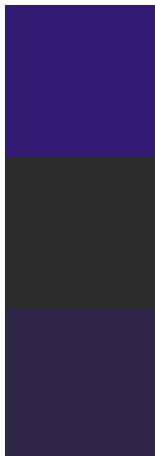
Deuteranomaly

39.4640, 26.3932, -18.8239

Tritanomaly

43.4840, 16.0304, -8.3175

Monochromacy



Original Color

43.6100, 35.1953, 4.7270

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0400, 12.7983, 1.7189

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.6100, 35.1953, 4.7270 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(49, 27, 115)` looks like.

```
.text, #text, p{  
    color:rgb(49, 27, 115)  
}
```

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(49, 27, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 27, 115) }
```

Border

The CSS property to change the border of an element to YUV 43.6100, 35.1953, 4.7270 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(49, 27, 115) }
```


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

```
.border{ border-color:rgb(49, 27, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 27, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 27, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 27, 115);  
box-shadow:4px 4px 4px 4px rgb(49, 27,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 43.6100, 35.1953, 4.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 27, 115) }
```

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

```
.background{ background-color: rgb(49, 27,  
115) }
```

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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