

Converting Colors

YUV(44.4360, 35.7741, 5.7566)

Have a look what the booklet for
YUV(44.4360, 35.7741, 5.7566)
contains.

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Color

**YUV(44.4360, 35.7741,
5.7566)**

Conversions

Conversions Part 1

Format	Color
Hex	331B75
RGB	51, 27, 117
RGB Percent	20%, 11%, 46%
CMY	0.8000, 0.8941, 0.5412
CMYK	0.56, 0.77, 0.00, 0.54
HSL	256°, 62%, 28%
HSV	256°, 77%, 46%
XYZ	4.9681, 2.7720, 17.1028
YIQ	44.4360, -14.5860, 33.0780

Conversions

Conversions Part 2

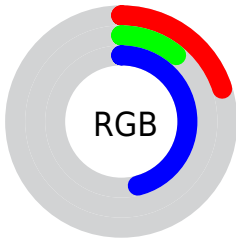
Format	Color
R_{YB}	51, 27, 117
Decimal	3349365
CIE _{Lab}	19.11, 35.63, -47.38
CIE _{LCh}	19, 59.281, 306.938
Yxy	2.7720, 0.2000, 0.1116
Android (android.graphics.Color)	4281539445 (0xFF331B75)
YUV	44.4360, 35.7741, 5.7566
Hunter-Lab	16.6494, 24.1266, -49.2501

Details

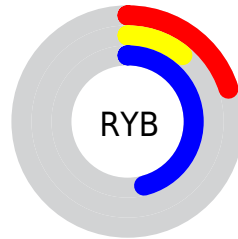
The YUV color **44.4360, 35.7741, 5.7566** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **99.5640, -35.7741, -5.7566**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.6260, 37.6524, 9.9750**, and **7.7520, 29.7023, -6.7985** is the 20% darker color. If you saturate the color by 10%, you get **34.7010, 40.5734, 6.4012**, and if you desaturate by 10%, it is **54.1710, 30.9747, 5.1120**.

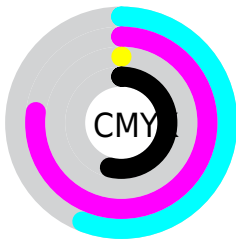
Distribution



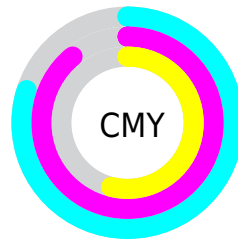
- Red (20%)
- Green (11%)
- Blue (46%)



- Red (20%)
- Yellow (11%)
- Blue (46%)



- Cyan (56%)
- Magenta (77%)
- Yellow (0%)
- Black (54%)



- Cyan (80%)
- Magenta (89%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4360, 35.7741, 5.7566 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 44.4360, 35.7741, 5.7566 by changing the saturation by 10% instead.

■ 44.4360, 35.7741,
5.7566

■ 44.4360, 35.7741,
5.7566

■ 255.0000, 0.0000,
0.0000

■ 18.8160, 36.0797,
1.0384

■ 93.6260, 37.6524,
9.9750

■ 7.7520, 29.7023,
-6.7985

■ 119.5660, 38.6680,
10.9046

■ 6.7770, 18.3509,
-5.9434

■ 145.8050, 39.5361,
12.4490

■ 3.2090, 9.7570,
-2.8143

■ 172.7450, 40.5517,
13.3786

■ 0.0000, 0.0000,
0.0000

■ 197.2650, 28.4634,
17.3076

■ 222.3720, 16.0856,

20.7218

241.4990, 6.6560,
11.8404

44.4360, 35.7741,
5.7566

44.4360, 35.7741,
5.7566

34.7010, 40.5734,
6.4012

54.1710, 30.9747,
5.1120

25.8520, 44.9360,
7.1458

63.0200, 26.6121,
4.3675

22.6070, 46.5357,
7.3607

72.7550, 21.8128,
3.7229

82.1910, 17.1608,
2.4635

91.9260, 12.3615,
1.8189

■ 100.7750, 7.9989,
1.0743

■ 110.5100, 3.1996,
0.4297

■ 120.2450, -1.5998,
-0.2149

■ 129.0940, -5.9623,
-0.9594

Harmonies

Analogous

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



44.7400, 44.4982, -39.2370



44.4360, 35.7741, 5.7566



39.7320, 20.3451, 54.6090

Triad

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



44.4360, 35.7741, 5.7566



42.7260, -21.0639, 36.1973



42.7780, 6.5184, -37.5163

Complementary

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



44.4360, 35.7741, 5.7566



99.5640, -35.7741, -5.7566

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.



35.9040, -14.7427, -31.4878



44.4360, 35.7741, 5.7566



42.8270, -21.1137, 5.4137

Square

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



44.4360, 35.7741, 5.7566



32.2920, -15.9200, 66.3959



33.4590, -16.4953, -29.3435



47.5660, 24.8640, -41.7154

Rectangle

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



44.4360, 35.7741, 5.7566



40.1280, 6.3459, 64.7857



33.4590, -16.4953, -29.3435



41.0680, -0.0335, -36.0166

Sweetspot

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



44.4360, 35.7741, 5.7566



124.6810, 13.9613, 2.0338



76.0020, 20.2120, -42.9748



59.3020, 8.7251, 1.4891



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.



44.4360, 35.7741, 5.7566



39.4360, 55.9871, 9.2646



57.8910, 29.1407, 33.4216



53.9830, 2.4734, 0.0149



23.7750, 48.4249, 8.0903



48.5330, 99.3232, 16.1956

Inverse Universe

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



61.4340, 15.5620, 48.7314



65.9010, 24.2058, 76.3858



86.1090, -29.1407, -33.4216



55.2500, 0.8628, 3.2888



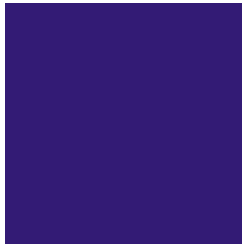
46.7380, 21.3282, 66.0048



95.6120, 43.0823, 135.3983

Previews

White Background



This preview shows how the YUV color 44.4360, 35.7741, 5.7566 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 44.4360, 35.7741, 5.7566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

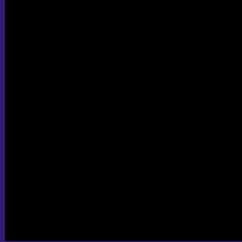
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4360, 35.7741, 5.7566

Background



This preview shows how black text looks on a background with the YUV color 44.4360, 35.7741, 5.7566.



This preview shows how white text looks on a background with the YUV color 44.4360, 35.7741,

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

44.4360, 35.7741, 5.7566

Protanopia

37.9460, 28.6206, -33.2786

Deuteranopia

38.1110, 21.6373, -33.4233



Tritanopia

44.5790, 5.1376, -14.5398

Trichromacy



Original Color

44.4360, 35.7741, 5.7566

Protanomaly

40.4300, 31.3400, -18.7941

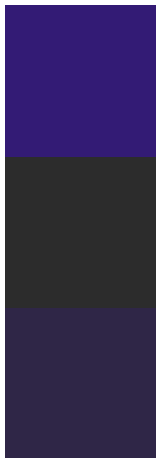
Deuteranomaly

40.5780, 26.8300, -18.9239

Tritanomaly

44.3100, 16.6092, -7.2879

Monochromacy



Original Color

44.4360, 35.7741, 5.7566

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.4530, 13.0877, 2.2337

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4360, 35.7741, 5.7566 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(51, 27, 117)` looks like.

```
.text, #text, p{  
    color:rgb(51, 27, 117)  
}
```

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(51, 27, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 27, 117) }
```

Border

The CSS property to change the border of an element to YUV 44.4360, 35.7741, 5.7566 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(51, 27, 117) }
```


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

```
.border{ border-color:rgb(51, 27, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 27, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 27, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 27, 117);  
box-shadow:4px 4px 4px 4px rgb(51, 27,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 44.4360, 35.7741, 5.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 27, 117) }
```

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

```
.background{ background-color: rgb(51, 27,  
117) }
```

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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