

Converting Colors

YUV(35.1760, 33.4372, 8.6156)

Have a look what the booklet for
YUV(35.1760, 33.4372, 8.6156)
contains.

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Color

**YUV(35.1760, 33.4372,
8.6156)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2D1167 |
| RGB | 45, 17, 103 |
| RGB Percent | 18%, 7%, 40% |
| CMY | 0.8235, 0.9333, 0.5961 |
| CMYK | 0.56, 0.83, 0.00, 0.60 |
| HSL | 260°, 72%, 24% |
| HSV | 260°, 83%, 40% |
| XYZ | 3.7308, 1.9381, 13.0094 |
| YIQ | 35.1760, -10.9180, 32.6820 |

Conversions

Conversions Part 2

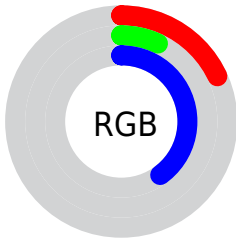
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 45, 17, 103 |
| Decimal | 2953575 |
| CIE _{Lab} | 15.16, 35.62, -44.78 |
| CIE _{LCh} | 15, 57.223, 308.498 |
| Yxy | 1.9381, 0.1997, 0.1038 |
| Android (android.graphics.Color) | 4281143655 (0xFF2D1167) |
| YUV | 35.1760, 33.4372, 8.6156 |
| Hunter-Lab | 13.9214, 23.4740, -45.6609 |

Details

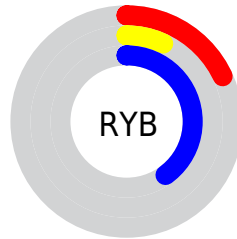
The YUV color **35.1760, 33.4372, 8.6156** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **84.8240, -33.4372, -8.6156**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.9530, 35.0262, 12.3192**, and **6.2700, 24.0239, -5.4988** is the 20% darker color. If you saturate the color by 10%, you get **27.2130, 37.3630, 9.4602**, and if you desaturate by 10%, it is **43.1390, 29.5115, 7.7711**.

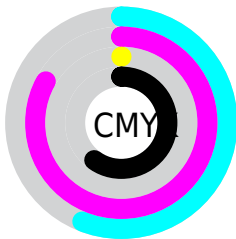
Distribution



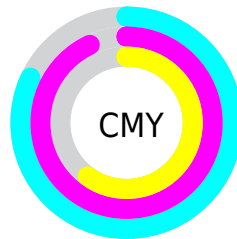
- Red (18%)
- Green (7%)
- Blue (40%)



- Red (18%)
- Yellow (7%)
- Blue (40%)



- Cyan (56%)
- Magenta (83%)
- Yellow (0%)
- Black (60%)



- Cyan (82%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.1760, 33.4372, 8.6156 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 35.1760, 33.4372, 8.6156 by changing the saturation by 10% instead.

■ 35.1760, 33.4372,
8.6156

■ 35.1760, 33.4372,
8.6156

■ 251.4780, 1.7363,
3.0888

■ 13.6760, 31.7117,
2.0381

■ 83.9530, 35.0262,
12.3192

■ 6.2700, 24.0239,
-5.4988

■ 109.7790, 35.6050,
13.3488

■ 4.8220, 13.3988,
-4.2289

■ 135.7190, 36.6205,
14.2784

■ 0.5700, 2.1840,
-0.4999

■ 162.0720, 37.9255,
15.7229


■ 0.0000, 0.0000,
0.0000


■ 188.4160, 32.8259,
18.0522


■ 213.5230, 20.4482,


21.4663


 235.0420, 9.8393,
17.5032


 35.1760, 33.4372,
8.6156


 35.1760, 33.4372,
8.6156


 27.2130, 37.3630,
9.4602


 43.1390, 29.5115,
7.7711

 21.9080, 39.9784,
10.6047

 51.6890, 25.2963,
6.4117

 59.6520, 21.3706,
5.5672

 67.6150, 17.4448,
4.7226

 76.1650, 13.2297,
3.3633

■ 84.1280, 9.3039,
2.5187

■ 92.0910, 5.3781,
1.6742

■ 100.0540, 1.4524,
0.8296

■ 108.6040, -2.7628,
-0.5297

Harmonies

Analogous

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



37.8610, 40.9875, -33.2041



35.1760, 33.4372, 8.6156



35.0750, 16.7250, 49.0462

Triad

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



35.1760, 33.4372, 8.6156



34.7300, -17.1219, 31.8088



36.6970, 6.0654, -32.1833

Complementary

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



35.1760, 33.4372, 8.6156



84.8240, -33.4372, -8.6156

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.



29.9370, -14.7589, -26.2547



35.1760, 33.4372, 8.6156



34.8420, -17.1771, 2.7696

Square

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



35.1760, 33.4372, 8.6156



28.1060, -13.8563, 57.7890



28.1760, -13.8908, -24.7104



41.2570, 23.5373, -36.1824

Rectangle

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



35.1760, 33.4372, 8.6156



35.2860, 3.3100, 58.5082



28.1760, -13.8908, -24.7104



35.1010, -0.0498, -30.7836

Sweetspot

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



35.1760, 33.4372, 8.6156



108.1650, 13.2297, 3.3633



61.4370, 20.4906, -38.9712



52.4870, 8.1409, 2.2039



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



35.1760, 33.4372, 8.6156



28.5460, 52.4818, 13.5532



47.7340, 27.2461, 34.4363



47.1680, 1.8892, 0.7297



24.1730, 44.7777, 11.2493



51.2090, 94.0600, 24.3727

Inverse Universe

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



49.3260, 12.6573, 47.0721



50.7390, 19.8487, 73.8969



72.2660, -27.2461, -34.4363



47.8370, 0.5734, 2.7740



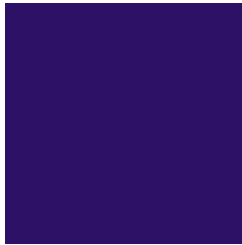
43.1630, 16.6816, 63.0010



90.9400, 35.5256, 132.4796

Previews

White Background



This preview shows how the YUV color 35.1760, 33.4372, 8.6156 looks on a white background.

Color Contrast Check

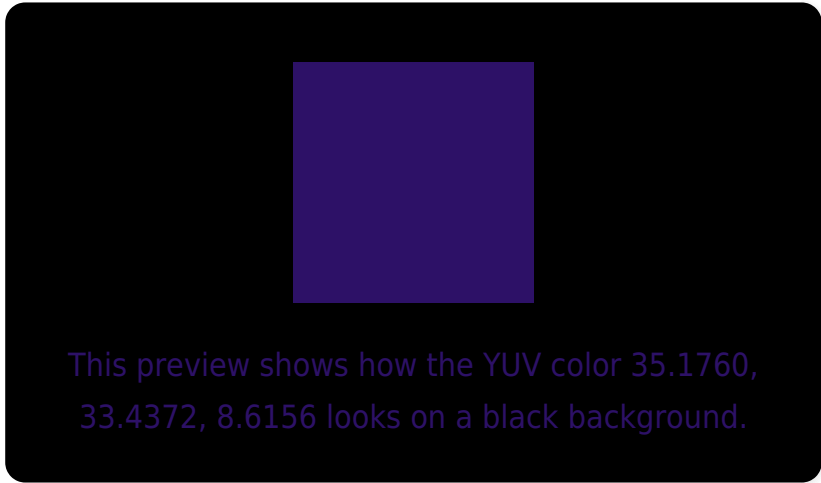
Large Text (above 18pt) WCAG AA ✓ Pass

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

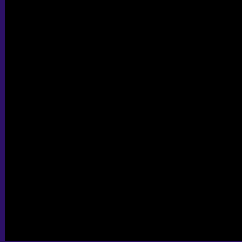
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.1760, 33.4372, 8.6156

Background



This preview shows how black text looks on a background with the YUV color 35.1760, 33.4372, 8.6156.



This preview shows how white text looks on a background with the YUV color 35.1760, 33.4372,

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

35.1760, 33.4372, 8.6156

Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

31.9330, 18.2740, -28.0052



Tritanopia

37.0740, 4.4005, -11.4659

Trichromacy



Original Color

35.1760, 33.4372, 8.6156

Protanomaly

32.4260, 27.3980, -14.4056

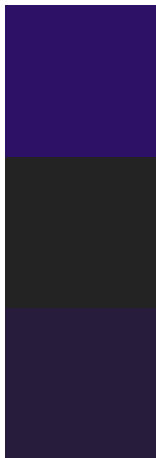
Deuteranomaly

32.8020, 23.7616, -14.7354

Tritanomaly

36.5770, 14.9985, -4.0140

Monochromacy



Original Color

35.1760, 33.4372, 8.6156

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.9370, 12.3561, 3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.1760, 33.4372, 8.6156 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(45, 17, 103)` looks like.

```
.text, #text, p{  
    color:rgb(45, 17, 103)  
}
```

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(45, 17, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 17, 103) }
```

Border

The CSS property to change the border of an element to YUV 35.1760, 33.4372, 8.6156 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(45, 17, 103) }
```


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

```
.border{ border-color:rgb(45, 17, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 17, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 17, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 17, 103);  
box-shadow:4px 4px 4px 4px rgb(45, 17,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 35.1760, 33.4372, 8.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 17, 103) }
```

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

```
.background{ background-color: rgb(45, 17,  
103) }
```

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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