

Converting Colors

YUV(42.5160, 11.0846, 38.1355)

Have a look what the booklet for
YUV(42.5160, 11.0846, 38.1355)
contains.

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Color

**YUV(42.5160, 11.0846,
38.1355)**

Conversions

Conversions Part 1

Format	Color
Hex	561041
RGB	86, 16, 65
RGB Percent	34%, 6%, 25%
CMY	0.6627, 0.9373, 0.7451
CMYK	0.00, 0.81, 0.24, 0.66
HSL	318°, 69%, 20%
HSV	318°, 81%, 34%
XYZ	4.9772, 2.7307, 5.2658
YIQ	42.5160, 25.9910, 30.0790

Conversions

Conversions Part 2

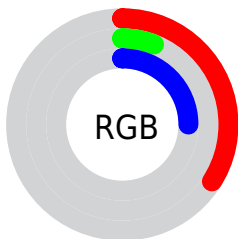
Format	Color
R_{YB}	86, 16, 65
Decimal	5640257
CIE _{Lab}	18.93, 36.50, -12.64
CIE _{LCh}	19, 38.623, 340.896
Yxy	2.7307, 0.3836, 0.2105
Android (android.graphics.Color)	4283830337 (0xFF561041)
YUV	42.5160, 11.0846, 38.1355
Hunter-Lab	16.5247, 24.8451, -7.3260

Details

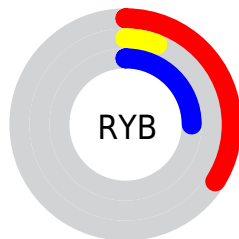
The YUV color **42.5160, 11.0846, 38.1355** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **59.4840, -11.0846, -38.1355**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.4730, 9.6268, 39.0502**, and **14.5820, 4.1501, 22.2916** is the 20% darker color. If you saturate the color by 10%, you get **36.8910, 12.3787, 43.0686**, and if you desaturate by 10%, it is **48.1410, 9.7905, 33.2023**.

Distribution



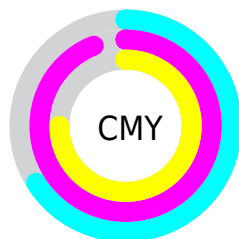
- Red (34%)
- Green (6%)
- Blue (25%)



- Red (34%)
- Yellow (6%)
- Blue (25%)



- Cyan (0%)
- Magenta (81%)
- Yellow (24%)
- Black (66%)



- Cyan (66%)
- Magenta (94%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.5160, 11.0846, 38.1355 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 42.5160, 11.0846, 38.1355 by changing the saturation by 10% instead.

42.5160, 11.0846,
38.1355

42.5160, 11.0846,
38.1355

255.0000, 0.0000,
0.0000

23.1410, 9.7905,
33.2023

93.4730, 9.6268,
39.0502

14.5820, 4.1501,
22.2916

119.3700, 9.1846,
40.8945

0.0000, 0.0000,
0.0000

145.4950, 9.6160,
42.5389


172.7940, 9.4686,
43.1537


200.5060, 9.6105,
44.2832


221.3300, 13.1483,


29.5286


 238.5640, 8.1029,
14.4144


 42.5160, 11.0846,
38.1355


 42.5160, 11.0846,
38.1355


 36.8910, 12.3787,
43.0686


 48.1410, 9.7905,
33.2023

 32.5540, 13.5309,
46.8721

 53.0650, 8.3490,
28.8840

 58.6900, 7.0548,
23.9509

 63.6140, 5.6133,
19.6325

 69.2390, 4.3192,
14.6994

■ 74.7500, 2.5882,
9.8663

■ 79.7880, 1.5835,
5.4479

■ 85.4130, 0.2894,
0.5148

■ 90.3370, -1.1521,
-3.8035

Harmonies

Analogous

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



47.1580, 20.6281, 10.3854



42.5160, 11.0846, 38.1355



37.6070, -0.2993, 49.4567

Triad

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



42.5160, 11.0846, 38.1355



42.8270, -21.1137, 5.4137



42.8070, 19.3221, -37.5417

Complementary

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



42.5160, 11.0846, 38.1355



59.4840, -11.0846, -38.1355

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.



40.4300, 7.6760, -35.4571



42.5160, 11.0846, 38.1355



36.4820, -17.9856, -17.9627

Square

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



42.5160, 11.0846, 38.1355



43.8340, -21.6102, 24.7016



36.4230, -5.1385, -31.9430



42.9840, 27.6159, -37.6970

Rectangle

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



42.5160, 11.0846, 38.1355



40.2400, -10.4713, 45.3935



36.4230, -5.1385, -31.9430



42.4820, 15.5384, -37.2567

Sweetspot

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



42.5160, 11.0846, 38.1355



95.2390, 4.3192, 14.6994



30.2590, 27.4803, 5.9119



46.0380, 2.4463, 8.7367



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.



42.5160, 11.0846, 38.1355



43.6680, 17.4187, 59.9272



38.5260, -4.2033, 41.6347



40.5380, 0.7208, 2.1592



40.5430, 16.9873, 58.2828



88.9610, 36.9942, 128.0762

Inverse Universe

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



42.5160, 11.0846, 38.1355



43.6680, 17.4187, 59.9272



63.4740, 4.2033, -41.6347



40.5380, 0.7208, 2.1592



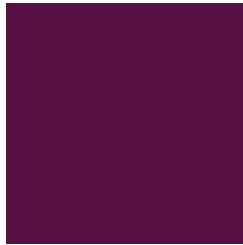
40.5430, 16.9873, 58.2828



88.9610, 36.9942, 128.0762

Previews

White Background



This preview shows how the YUV color 42.5160, 11.0846, 38.1355 looks on a white background.

Color Contrast Check

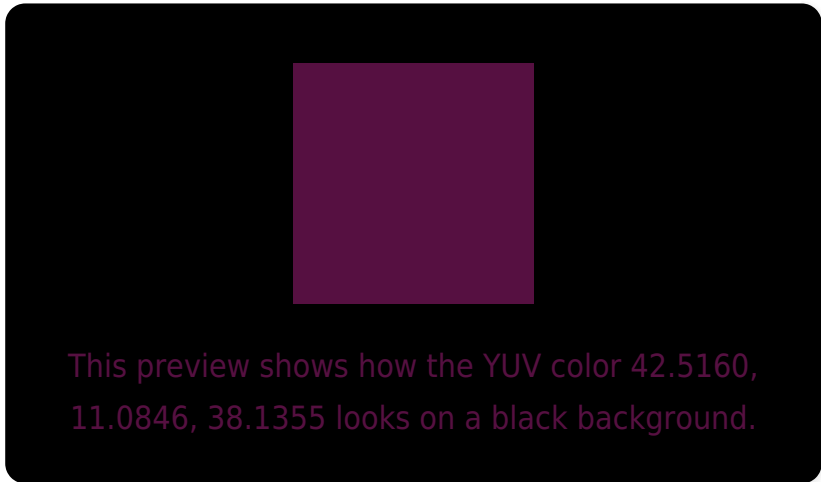
Large Text (above 18pt) WCAG AA ✓ Pass

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

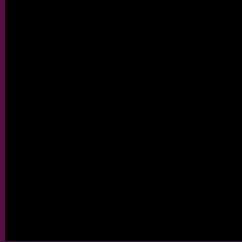
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.5160, 11.0846, 38.1355

Background



This preview shows how black text looks on a background with the YUV color 42.5160, 11.0846, 38.1355.



This preview shows how white text looks on a background with the YUV color 42.5160, 11.0846,

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

42.5160, 11.0846, 38.1355

Protanopia

45.6940, 20.8569, -16.3946

Deuteranopia

48.2970, 6.2626, -2.0145



Tritanopia

45.3740, -7.0864, 32.9980

Trichromacy



Original Color

42.5160, 11.0846, 38.1355

Protanomaly

44.6040, 17.4502, 2.9783

Deuteranomaly

46.4390, 7.6716, 12.7700

Tritanomaly

44.1060, -0.5453, 34.9870

Monochromacy



Original Color

42.5160, 11.0846, 38.1355

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8260, 4.0298, 14.1846

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.5160, 11.0846, 38.1355 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(86, 16, 65)` looks like.

```
.text, #text, p{  
    color:rgb(86, 16, 65)  
}
```

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(86, 16, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 16, 65) }
```

Border

The CSS property to change the border of an element to YUV 42.5160, 11.0846, 38.1355 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(86, 16, 65) }
```


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

```
.border{ border-color:rgb(86, 16, 65) }
```

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

Here you see how a box with a 4 pixel rgb(86, 16, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 16, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 16, 65);  
box-shadow:4px 4px 4px 4px rgb(86, 16, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.5160, 11.0846, 38.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 16, 65) }
```

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

```
.background{ background-color: rgb(86, 16,  
65) }
```

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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