

Converting Colors

YUV(43.3960, 6.2138, 13.6847)

Have a look what the booklet for
YUV(43.3960, 6.2138, 13.6847)
contains.

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Color

**YUV(43.3960, 6.2138,
13.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2138
RGB	59, 33, 56
RGB Percent	23%, 13%, 22%
CMY	0.7686, 0.8706, 0.7804
CMYK	0.00, 0.44, 0.05, 0.77
HSL	307°, 28%, 18%
HSV	307°, 44%, 23%
XYZ	3.0613, 2.3030, 4.0246
YIQ	43.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

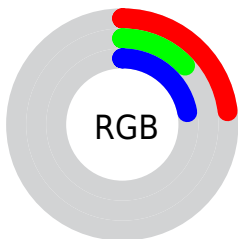
Format	Color
R_{YB}	59, 33, 56
Decimal	3875128
CIE _{Lab}	17.00, 16.83, -9.72
CIE _{LCh}	17, 19.433, 329.990
Yxy	2.3030, 0.3261, 0.2453
Android (android.graphics.Color)	4282065208 (0xFF3B2138)
YUV	43.3960, 6.2138, 13.6847
Hunter-Lab	15.1758, 9.4499, -5.1005

Details

The YUV color **43.3960, 6.2138, 13.6847** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **48.6040, -6.2138, -13.6847**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.5210, 6.6451, 15.3291**, and **2.7490, 4.0677, 1.9741** is the 20% darker color. If you saturate the color by 10%, you get **39.7600, 7.5133, 16.8735**, and if you desaturate by 10%, it is **47.0320, 4.9142, 10.4959**.

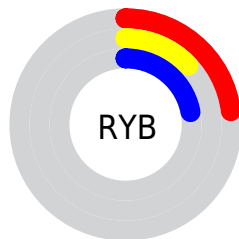
Distribution



Red (23%)

Green (13%)

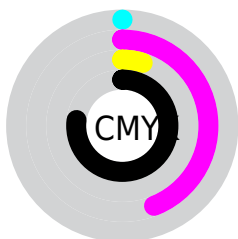
Blue (22%)



Red (23%)

Yellow (13%)

Blue (22%)

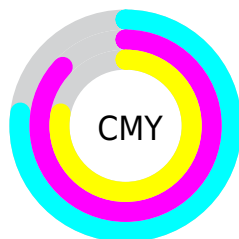


Cyan (0%)

Magenta (44%)

Yellow (5%)

Black (77%)



Cyan (77%)

Magenta (87%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.3960, 6.2138, 13.6847 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 43.3960, 6.2138, 13.6847 by changing the saturation by 10% instead.

43.3960, 6.2138,
13.6847

43.3960, 6.2138,
13.6847

255.0000, 0.0000,
0.0000

22.0970, 6.3612,
13.0699

89.5210, 6.6451,
15.3291

2.7490, 4.0677,
1.9741

113.9340, 6.9345,
15.8439

0.0000, 0.0000,
0.0000

139.6460, 7.0765,
16.9735

166.0590, 7.3659,
17.4883

193.3580, 7.2185,
18.1030

221.4720, 7.6553,

18.0031

243.8470, 5.4984,
9.7812

43.3960, 6.2138,
13.6847

43.3960, 6.2138,
13.6847

39.7600, 7.5133,
16.8735

47.0320, 4.9142,
10.4959

36.2380, 9.2497,
19.9623

50.5540, 3.1779,
7.4071

32.6020, 10.5492,
23.1510

54.1900, 1.8783,
4.2184

28.9660, 11.8488,
26.3398

57.8260, 0.5788,
1.0296

25.4440, 13.5851,
29.4286

61.3480, -1.1576,
-2.0592

■ 23.5690, 14.0165,
31.0730

■ 64.3970, -2.1677,
-4.7332

■ 68.0330, -3.4673,
-7.9219

■ 71.5550, -5.2036,
-11.0107

■ 75.1910, -6.5032,
-14.1995

Harmonies

Analogous

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



42.6870, 11.4933, 0.2745



43.3960, 6.2138, 13.6847



42.4310, -0.2125, 21.5470

Triad

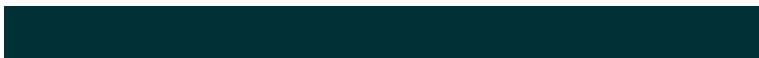
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.3960, 6.2138, 13.6847



40.3850, -13.9938, 8.4324



35.0330, 9.8437, -30.7239

Complementary

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



43.3960, 6.2138, 13.6847



48.6040, -6.2138, -13.6847

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.



33.4370, 3.7286, -29.3242



43.3960, 6.2138, 13.6847



39.1170, -10.9037, -2.7336

Square

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



43.3960, 6.2138, 13.6847



41.4230, -11.5475, 17.1690



36.6360, -4.7505, -16.3438



35.1130, 15.2273, -30.7941

Rectangle

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



43.3960, 6.2138, 13.6847



42.2910, -4.5805, 22.5468



36.6360, -4.7505, -16.3438



34.5770, 8.0965, -30.3240

Sweetspot

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



43.3960, 6.2138, 13.6847



70.9020, 2.0203, 5.3479



36.8610, 10.9145, -0.7551



34.4780, 1.7363, 3.0888



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



43.3960, 6.2138, 13.6847



52.3630, 9.6810, 21.6066



41.9140, 0.5354, 14.9844



29.1250, 0.4314, 1.6444



37.5680, 22.3980, 49.4909



88.7220, 52.8881, 116.8848

Inverse Universe

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



43.3960, 6.2138, 13.6847



52.3630, 9.6810, 21.6066



50.0860, -0.5354, -14.9844



29.1250, 0.4314, 1.6444



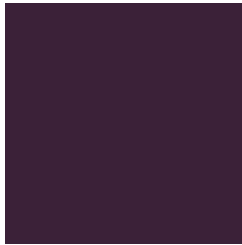
37.5680, 22.3980, 49.4909



88.7220, 52.8881, 116.8848

Previews

White Background



This preview shows how the YUV color 43.3960, 6.2138, 13.6847 looks on a white background.

Color Contrast Check

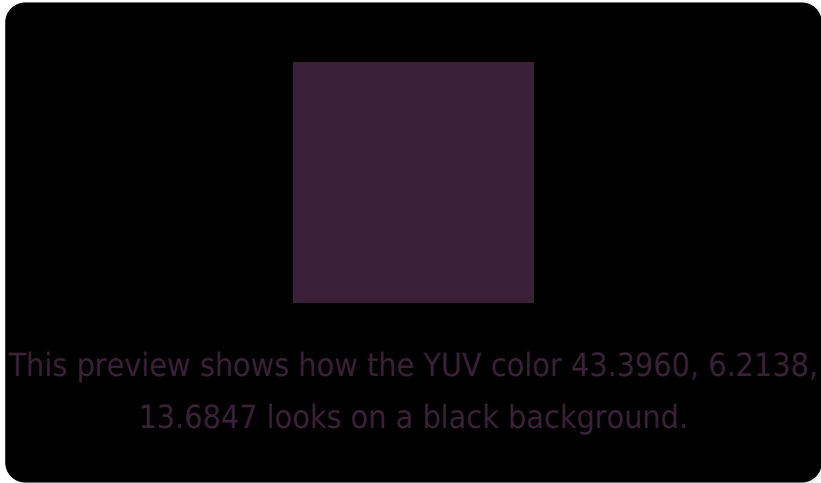
Large Text (above 18pt) WCAG AA ✓ Pass

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

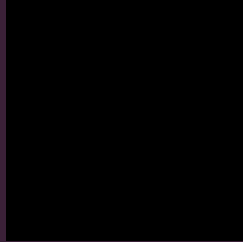
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.3960, 6.2138, 13.6847

Background



This preview shows how black text looks on a background with the YUV color 43.3960, 6.2138, 13.6847.



This preview shows how white text looks on a background with the YUV color 43.3960, 6.2138,

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

43.3960, 6.2138, 13.6847

Protanopia

42.3010, 10.2046, -6.4030

Deuteranopia

42.7700, 5.5364, -2.4293



Tritanopia

43.2080, -2.0745, 12.0956

Trichromacy



Original Color

43.3960, 6.2138, 13.6847

Protanomaly

42.8890, 8.4357, 0.9743

Deuteranomaly

43.2160, 5.8095, 3.3186

Tritanomaly

43.6040, 0.6882, 12.6253

Monochromacy



Original Color

43.3960, 6.2138, 13.6847

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0160, 2.4571, 5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.3960, 6.2138, 13.6847 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(59, 33, 56)` looks like.

```
.text, #text, p{  
    color:rgb(59, 33, 56)  
}
```

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(59, 33, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 33, 56) }
```

Border

The CSS property to change the border of an element to YUV 43.3960, 6.2138, 13.6847 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(59, 33, 56) }
```


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

```
.border{ border-color:rgb(59, 33, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 33, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 33, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 33, 56);  
box-shadow:4px 4px 4px 4px rgb(59, 33, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.3960, 6.2138, 13.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 33, 56) }
```

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

```
.background{ background-color: rgb(59, 33,  
56) }
```

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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