

Converting Colors

YUV(33.1600, -2.5439, 22.6617)

Have a look what the booklet for
YUV(33.1600, -2.5439, 22.6617)
contains.

YUV(33.1600, -2.5439, 22.6617)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(33.1600, -2.5439,
22.6617)**

Conversions

Conversions Part 1

Format	Color
Hex	3B151C
RGB	59, 21, 28
RGB Percent	23%, 8%, 11%
CMY	0.7686, 0.9176, 0.8902
CMYK	0.00, 0.64, 0.53, 0.77
HSL	349°, 48%, 16%
HSV	349°, 64%, 23%
XYZ	2.2814, 1.5500, 1.2775
YIQ	33.1600, 20.4010, 10.2330

Conversions

Conversions Part 2

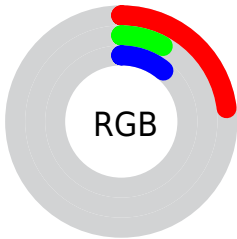
Format	Color
R_{YB}	59, 21, 28
Decimal	3872028
CIE _{Lab}	12.92, 19.57, 4.42
CIE _{LCh}	13, 20.058, 12.728
Yxy	1.5500, 0.4466, 0.3034
Android (android.graphics.Color)	4282062108 (0xFF3B151C)
YUV	33.1600, -2.5439, 22.6617
Hunter-Lab	12.4498, 10.9225, 2.6308




Details

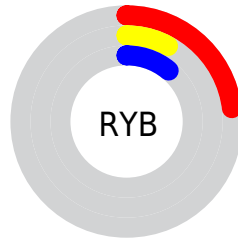
The YUV color **33.1600, -2.5439, 22.6617** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **46.8400, 2.5439, -22.6617**, and the grayscale version is **33.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **78.8400, -3.8651, 26.4503**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.0680, -2.9915, 26.2504**, and if you desaturate by 10%, it is **37.2520, -2.0962, 19.0730**.

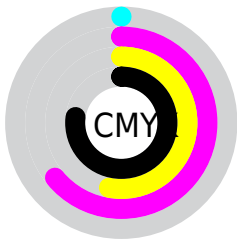
Distribution







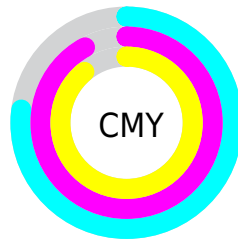
-  Red (23%)
-  Green (8%)
-  Blue (11%)






-  Red (23%)
-  Yellow (8%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (64%)
-  Yellow (53%)
-  Black (77%)



-  Cyan (77%)
-  Magenta (92%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.1600, -2.5439, 22.6617 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 33.1600, -2.5439, 22.6617 by changing the saturation by 10% instead.

■ 33.1600, -2.5439,
22.6617

■ 33.1600, -2.5439,
22.6617

■ 252.0650, 1.4470,
2.5740

■ 11.7750, -5.3121,
23.8763

■ 78.8400, -3.8651,
26.4503

■ 0.0000, 0.0000,
0.0000

■ 103.4380, -4.1599,
27.6799

■ 128.6230, -4.7441,
28.3946

■ 155.2210, -5.0390,
29.6242

■ 181.9330, -4.8970,
30.7538

■ 209.5310, -5.1918,

31.9833

231.8500, -2.3910,
20.3026

33.1600, -2.5439,
22.6617

33.1600, -2.5439,
22.6617

29.0680, -2.9915,
26.2504

37.2520, -2.0962,
19.0730

24.9760, -3.4392,
29.8390

41.3440, -1.6486,
15.4843

20.9980, -3.4500,
33.3278

45.3220, -1.6377,
11.9956

18.8950, -3.8922,
35.1721

49.4140, -1.1901,
8.4069

52.9190, -0.4531,
5.3330

■ 57.0110, -0.0054,
1.7444

■ 61.1030, 0.4422,
-1.8443

■ 65.1950, 0.8899,
-5.4330

■ 69.1730, 0.9007,
-8.9217

Harmonies

Analogous

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



34.1470, 3.8715, 18.2881



33.1600, -2.5439, 22.6617



32.4280, -9.0850, 20.6726

Triad

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



33.1600, -2.5439, 22.6617



29.7250, -9.7244, -7.6518



28.5590, 15.5004, -25.0462

Complementary

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



33.1600, -2.5439, 22.6617



46.8400, 2.5439, -22.6617

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.



28.8210, 11.4272, -25.2760



33.1600, -2.5439, 22.6617



26.3300, -0.6557, -23.0914

Square

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



33.1600, -2.5439, 22.6617



31.0210, -15.2934, 5.2436



27.9260, 5.4595, -24.4911



31.8920, 13.8572, -11.3063

Rectangle

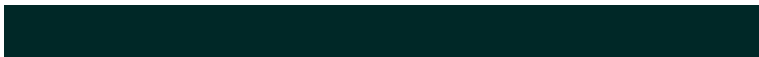
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.1600, -2.5439, 22.6617



32.4400, -14.0209, 17.1541



27.9260, 5.4595, -24.4911



28.9180, 14.3374, -25.3611

Sweetspot

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



33.1600, -2.5439, 22.6617



66.8270, -0.9007, 8.9217



34.3020, 12.1761, 14.6441



31.9190, -0.4531, 5.3330



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.



33.1600, -2.5439, 22.6617



36.7810, -4.3290, 35.2721



38.8190, -8.7848, 17.6987



28.8970, -0.4422, 1.8443



30.0440, -6.4307, 56.0894



71.0520, -14.8156, 132.3814

Inverse Universe

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



33.1600, -2.5439, 22.6617



36.7810, -4.3290, 35.2721



41.1810, 8.7848, -17.6987



28.8970, -0.4422, 1.8443



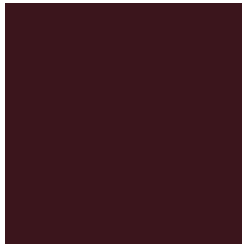
30.0440, -6.4307, 56.0894



71.0520, -14.8156, 132.3814

Previews

White Background



This preview shows how the YUV color 33.1600, -2.5439, 22.6617 looks on a white background.

Color Contrast Check

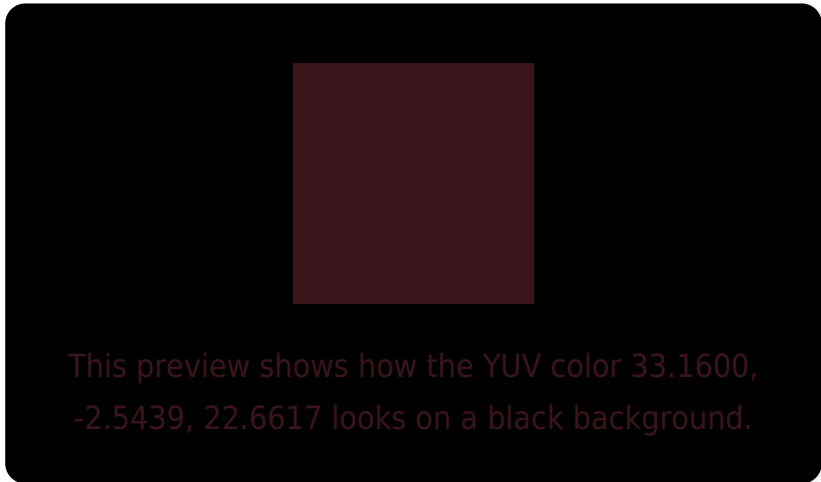
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1600, -2.5439, 22.6617

Background



This preview shows how black text looks on a background with the YUV color 33.1600, -2.5439, 22.6617.

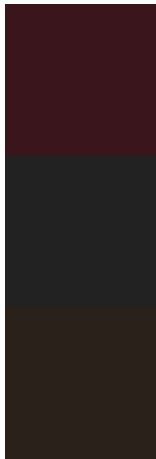


This preview shows how white text looks on a background with the YUV color 33.1600, -2.5439,

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

33.1600, -2.5439, 22.6617

Protanopia

34.4130, 0.2894, 0.5148

Deuteranopia

34.5940, -4.2368, 5.6181



Tritanopia

33.1770, -5.0173, 22.6468

Trichromacy



Original Color

33.1600, -2.5439, 22.6617

Protanomaly

33.8270, -0.9007, 8.9217

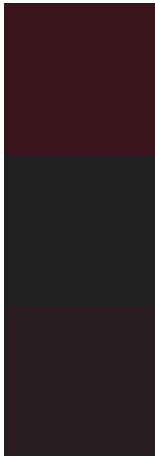
Deuteranomaly

34.4530, -3.6743, 11.8807

Tritanomaly

33.4050, -4.1437, 22.4468

Monochromacy



Original Color

33.1600, -2.5439, 22.6617

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.1150, -1.0427, 7.7921

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.1600, -2.5439, 22.6617 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, 21, 28)` looks like.

```
.text, #text, p{  
    color:rgb(59, 21, 28)  
}
```

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, 21, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 21, 28) }
```

Border

The CSS property to change the border of an element to YUV 33.1600, -2.5439, 22.6617 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, 21, 28) }
```


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

```
.border{ border-color:rgb(59, 21, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 21, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 21, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 21, 28);  
box-shadow:4px 4px 4px 4px rgb(59, 21, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.1600, -2.5439, 22.6617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 21, 28) }
```

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

```
.background{ background-color: rgb(59, 21,  
28) }
```

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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