

Converting Colors

YUV(33.3160, 17.5922, 4.1079)

Have a look what the booklet for
YUV(33.3160, 17.5922, 4.1079)
contains.

YUV(33.3160, 17.5922, 4.1079)	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(33.3160, 17.5922,
4.1079)**

Conversions

Conversions Part 1

Format	Color
Hex	261845
RGB	38, 24, 69
RGB Percent	15%, 9%, 27%
CMY	0.8510, 0.9059, 0.7294
CMYK	0.45, 0.65, 0.00, 0.73
HSL	259°, 48%, 18%
HSV	259°, 65%, 27%
XYZ	2.2001, 1.4950, 5.8028
YIQ	33.3160, -6.1010, 16.9630

Conversions

Conversions Part 2

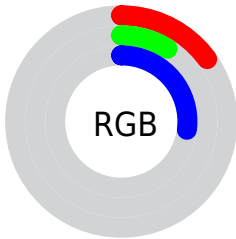
Format	Color
R_YB	38, 24, 69
Decimal	2496581
CIE _{Lab}	12.58, 19.32, -25.99
CIE _{LCh}	13, 32.391, 306.626
Yxy	1.4950, 0.2316, 0.1574
Android (android.graphics.Color)	4280686661 (0xFF261845)
YUV	33.3160, 17.5922, 4.1079
Hunter-Lab	12.2271, 10.7220, -19.5795




Details

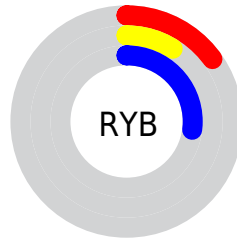
The YUV color **33.3160, 17.5922, 4.1079** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **59.6840, -17.5922, -4.1079**, and the grayscale version is **33.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **79.0820, 19.1866, 6.0671**, and **3.4370, 10.6306, -3.0142** is the 20% darker color. If you saturate the color by 10%, you get **27.7120, 20.3550, 4.6376**, and if you desaturate by 10%, it is **38.9200, 14.8294, 3.5782**.

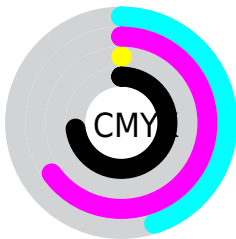
Distribution







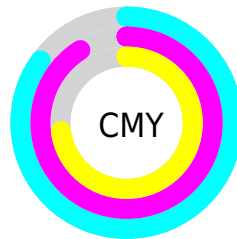
-  Red (15%)
-  Green (9%)
-  Blue (27%)






-  Red (15%)
-  Yellow (9%)
-  Blue (27%)



-  Cyan (45%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (85%)
-  Magenta (91%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.3160, 17.5922, 4.1079 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 33.3160, 17.5922, 4.1079 by changing the saturation by 10% instead.

■ 33.3160, 17.5922,
4.1079

■ 33.3160, 17.5922,
4.1079

■ 253.2390, 0.8682,
1.5444

■ 11.0390, 17.7288,
6.9818

■ 79.0820, 19.1866,
6.0671

■ 3.4370, 10.6306,
-3.0142

■ 103.0220, 20.2022,
6.9967

■ 0.0000, 0.0000,
0.0000

■ 128.4350, 20.4915,
7.5115

■ 154.6630, 21.3651,
7.3115

■ 181.4890, 21.9439,
8.3411

■ 208.9020, 22.2333,

8.8559

■ 233.8240, 10.4398,
11.5554

■ 33.3160, 17.5922,
4.1079

■ 33.3160, 17.5922,
4.1079

■ 27.7120, 20.3550,
4.6376

■ 38.9200, 14.8294,
3.5782

■ 22.1080, 23.1178,
5.1673

■ 44.5240, 12.0667,
3.0485

■ 16.8030, 25.7331,
6.3118

■ 49.8290, 9.4513,
1.9040

■ 14.1450, 27.0435,
6.0118

■ 55.4330, 6.6885,
1.3743

■ 61.0370, 3.9258,
0.8446

■ 66.0540, 1.4524,
0.8296

■ 71.3590, -1.1630,
-0.3148

■ 76.9630, -3.9258,
-0.8446

■ 82.5670, -6.6885,
-1.3743

Harmonies

Analogous

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



28.8500, 24.2310, -25.3014



33.3160, 17.5922, 4.1079



30.2220, 10.2436, 27.8693

Triad

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



33.3160, 17.5922, 4.1079



31.4190, -15.4896, 21.5575



29.4590, 3.7177, -25.8355

Complementary

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



33.3160, 17.5922, 4.1079



59.6840, -17.5922, -4.1079

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.



25.4350, -6.6235, -22.3065



33.3160, 17.5922, 4.1079



30.7330, -15.1514, 6.3732

Square

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



33.3160, 17.5922, 4.1079



27.3760, -13.4964, 35.6272



26.7910, -13.2080, -10.3407



31.3800, 13.6167, -27.5203

Rectangle

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



33.3160, 17.5922, 4.1079



27.3820, 4.2487, 37.3760



26.7910, -13.2080, -10.3407



27.9600, 0.5127, -24.5209

Sweetspot

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



33.3160, 17.5922, 4.1079



74.8460, 6.9779, 1.8891



47.3270, 10.6848, -20.4578



37.1510, 4.3626, 0.7446



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



33.3160, 17.5922, 4.1079



34.1450, 27.0435, 6.0118



39.8940, 14.3493, 17.6330



32.7550, 1.5998, 0.2149



20.5550, 38.6734, 9.1603



47.1070, 88.6872, 20.9542

Inverse Universe

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



40.9890, 6.9074, 24.5656



46.1030, 10.7952, 37.6207



53.1060, -14.3493, -17.6330



33.5380, 0.7208, 2.1592



37.4670, 15.5458, 53.9644



85.6570, 34.6791, 123.9578

Previews

White Background



This preview shows how the YUV color 33.3160, 17.5922, 4.1079 looks on a white background.

Color Contrast Check

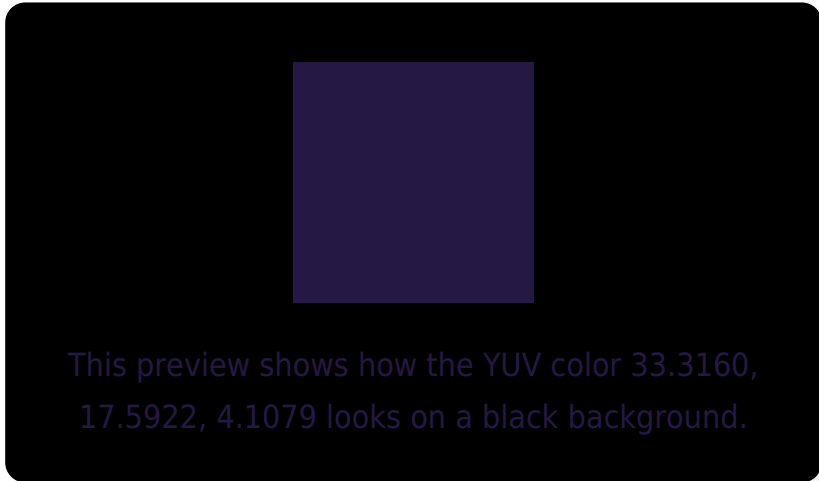
Large Text (above 18pt) WCAG AA ✓ Pass

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

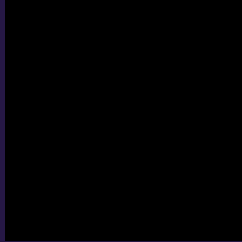
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.3160, 17.5922, 4.1079

Background



This preview shows how black text looks on a background with the YUV color 33.3160, 17.5922, 4.1079.



This preview shows how white text looks on a background with the YUV color 33.3160, 17.5922,

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

33.3160, 17.5922, 4.1079

Protanopia

26.5360, 20.4418, -23.2721

Deuteranopia

26.6840, 15.9318, -23.4019



Tritanopia

33.1460, 1.9000, -2.7590

Trichromacy



Original Color

33.3160, 17.5922, 4.1079

Protanomaly

28.9610, 19.2462, -13.1208

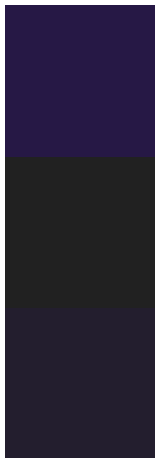
Deuteranomaly

28.9780, 16.7728, -13.1357

Tritanomaly

33.0630, 7.8569, -0.0553

Monochromacy



Original Color

33.3160, 17.5922, 4.1079

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.3190, 6.2517, 1.4742

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.3160, 17.5922, 4.1079 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(38, 24, 69)` looks like.

```
.text, #text, p{  
    color:rgb(38, 24, 69)  
}
```

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(38, 24, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 24, 69) }
```

Border

The CSS property to change the border of an element to YUV 33.3160, 17.5922, 4.1079 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(38, 24, 69) }
```


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

```
.border{ border-color:rgb(38, 24, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 24, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 24, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 24, 69);  
box-shadow:4px 4px 4px 4px rgb(38, 24, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.3160, 17.5922, 4.1079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 24, 69) }
```

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

```
.background{ background-color: rgb(38, 24,  
69) }
```

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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