

Converting Colors

YUV(33.0260, -5.9288, 35.0572)

Have a look what the booklet for
YUV(33.0260, -5.9288, 35.0572)
contains.

YUV(33.0260, -5.9288, 35.0572)	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(33.0260, -5.9288,
35.0572)**

Conversions

Conversions Part 1

Format	Color
Hex	490F15
RGB	73, 15, 21
RGB Percent	29%, 6%, 8%
CMY	0.7137, 0.9412, 0.9176
CMYK	0.00, 0.79, 0.71, 0.71
HSL	354°, 66%, 17%
HSV	354°, 79%, 29%
XYZ	3.0538, 1.8123, 0.8983
YIQ	33.0260, 32.6420, 14.1620

Conversions

Conversions Part 2

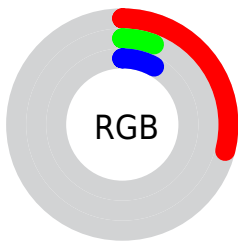
Format	Color
R_YB	73, 15, 21
Decimal	4787989
CIE Lab	14.47, 27.62, 12.10
CIE LCh	14, 30.154, 23.654
Yxy	1.8123, 0.5298, 0.3144
Android (android.graphics.Color)	4282978069 (0xFF490F15)
YUV	33.0260, -5.9288, 35.0572
Hunter-Lab	13.4620, 16.9339, 5.4670

Details


The YUV color **33.0260, -5.9288, 35.0572** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **54.9740, 5.9288, -35.0572**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.2500, -8.9972, 39.2458**, and **2.9900, -1.4741, 6.1478** is the 20% darker color. If you saturate the color by 10%, you get **28.1190, -6.9607, 39.3606**, and if you desaturate by 10%, it is **37.9330, -4.8970, 30.7538**.

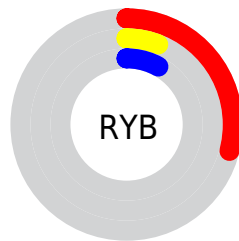
Distribution



 Red (29%)

 Green (6%)

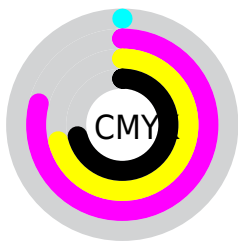
 Blue (8%)




 Red (29%)

 Yellow (6%)

 Blue (8%)

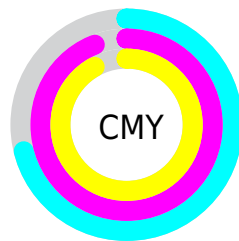


 Cyan (0%)

 Magenta (79%)

 Yellow (71%)

 Black (71%)



 Cyan (71%)


 Magenta (94%)


 Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 33.0260, -5.9288, 35.0572 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 33.0260, -5.9288, 35.0572 by changing the saturation by 10% instead.


 33.0260, -5.9288,
35.0572


 33.0260, -5.9288,
35.0572

 249.8650, -1.9054,
4.5034


 14.6510, -7.2229,
30.1241


 81.2500, -8.9972,
39.2458


 2.9900, -1.4741,
6.1478

 106.0330, -9.8763,
41.1901

 0.0000, 0.0000,
0.0000

 131.9300,
-10.3185, 43.0344

 158.7130,
-11.1975, 44.9787

 186.1970,
-11.9291, 46.3082

 209.9080,

-10.3076, 39.5457

229.5360, -6.1802,
22.3319

33.0260, -5.9288,
35.0572

33.0260, -5.9288,
35.0572

28.1190, -6.9607,
39.3606

37.9330, -4.8970,
30.7538

22.7390, -7.2663,
44.0789

43.3130, -4.5913,
26.0355

48.2200, -3.5595,
21.7321

53.0130, -2.9644,
17.5286

57.9200, -1.9326,
13.2252

■ 63.3000, -1.6269,
8.5069

■ 68.2070, -0.5951,
4.2035

■ 73.0000, 0.0000,
0.0000

■ 78.4940, 0.7425,
-4.8182

Harmonies

Analogous

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



33.6480, 4.1175, 32.7577



33.0260, -5.9288, 35.0572



34.4090, -16.9636, 27.7053

Triad

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



33.0260, -5.9288, 35.0572



26.6260, -9.6756, -23.3510



33.0730, 22.6420, -29.0050

Complementary

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



33.0260, -5.9288, 35.0572



54.9740, 5.9288, -35.0572

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.



34.5090, 17.9901, -30.2644



33.0260, -5.9288, 35.0572



30.5360, 0.2288, -26.7801

Square

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



33.0260, -5.9288, 35.0572



32.7490, -16.1453, -1.5339



33.0440, 9.8383, -28.9796



35.5100, 19.9616, -9.2173

Rectangle

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



33.0260, -5.9288, 35.0572



34.9410, -17.2259, 18.4687



33.0440, 9.8383, -28.9796



33.4320, 21.4790, -29.3199

Sweetspot

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



33.0260, -5.9288, 35.0572



78.8060, -2.3694, 13.3251



36.8610, 17.8165, 25.5549



38.4140, -1.1901, 8.4069



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



33.0260, -5.9288, 35.0572



32.6370, -9.1880, 53.8154



45.2560, -14.9162, 24.3315



33.1960, -0.5896, 2.4591



30.7410, -10.2253, 59.8631



70.4950, -23.4150, 137.2549

Inverse Universe

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



33.0260, -5.9288, 35.0572



32.6370, -9.1880, 53.8154



42.7440, 14.9162, -24.3315



33.1960, -0.5896, 2.4591



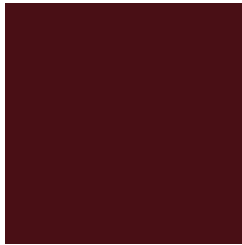
30.7410, -10.2253, 59.8631



70.4950, -23.4150, 137.2549

Previews

White Background



This preview shows how the YUV color 33.0260, -5.9288, 35.0572 looks on a white background.

Color Contrast Check

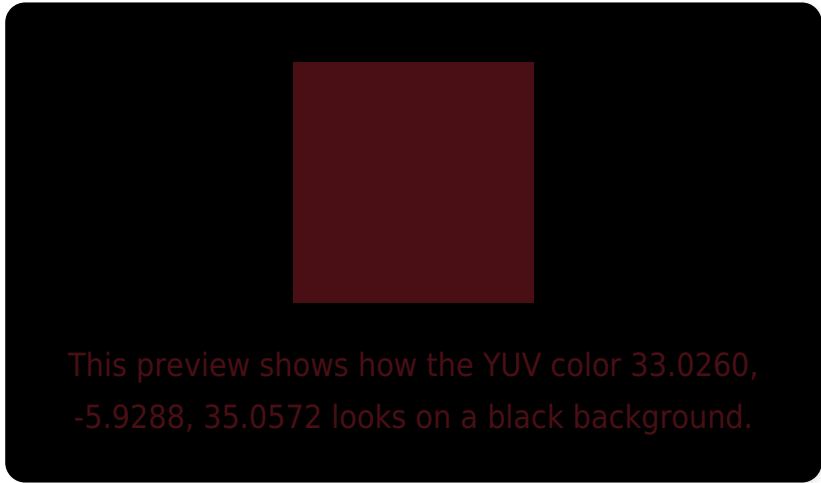
Large Text (above 18pt) WCAG AA ✓ Pass

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

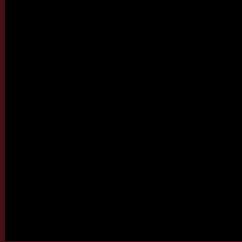
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.0260, -5.9288, 35.0572

Background



This preview shows how black text looks on a background with the YUV color 33.0260, -5.9288, 35.0572.



This preview shows how white text looks on a background with the YUV color 33.0260, -5.9288,

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

33.0260, -5.9288, 35.0572

Protanopia

38.4580, -4.6628, 2.2293

Deuteranopia

38.1230, -9.9206, 8.6621



Tritanopia

33.0430, -8.4022, 35.0423

Trichromacy



Original Color

33.0260, -5.9288, 35.0572

Protanomaly

36.4210, -5.1376, 14.5398

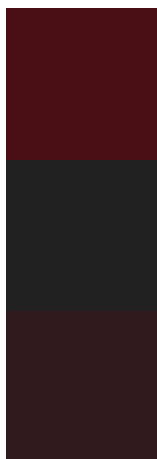
Deuteranomaly

36.2320, -8.4954, 18.2135

Tritanomaly

33.2710, -7.5286, 34.8423

Monochromacy



Original Color

33.0260, -5.9288, 35.0572

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9200, -1.9326, 13.2252

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.0260, -5.9288, 35.0572 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(73, 15, 21)` looks like.

```
.text, #text, p{  
    color:rgb(73, 15, 21)  
}
```

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(73, 15, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 15, 21) }
```

Border

The CSS property to change the border of an element to YUV 33.0260, -5.9288, 35.0572 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(73, 15, 21) }
```


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

```
.border{ border-color:rgb(73, 15, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 15, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 15, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 15, 21);  
box-shadow:4px 4px 4px 4px rgb(73, 15, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.0260, -5.9288, 35.0572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 15, 21) }
```

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

```
.background{ background-color: rgb(73, 15,  
21) }
```

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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