

Converting Colors

YUV(33.0290, -0.5073, 22.7766)

Have a look what the booklet for
YUV(33.0290, -0.5073, 22.7766)
contains.

YUV(33.0290, -0.5073, 22.7766)	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(33.0290, -0.5073,
22.7766)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1420
RGB	59, 20, 32
RGB Percent	23%, 8%, 13%
CMY	0.7686, 0.9216, 0.8745
CMYK	0.00, 0.66, 0.46, 0.77
HSL	342°, 49%, 15%
HSV	342°, 66%, 23%
XYZ	2.3145, 1.5344, 1.5407
YIQ	33.0290, 19.3920, 12.0000

Conversions

Conversions Part 2

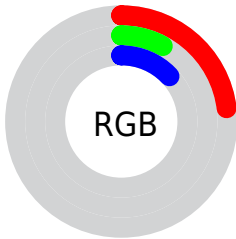
Format	Color
R _Y B	59, 20, 32
Decimal	3871776
CIE Lab	12.83, 20.68, 1.32
CIE LCh	13, 20.721, 3.664
Yxy	1.5344, 0.4294, 0.2847
Android (android.graphics.Color)	4282061856 (0xFF3B1420)
YUV	33.0290, -0.5073, 22.7766
Hunter-Lab	12.3871, 11.6749, 1.2966

Details

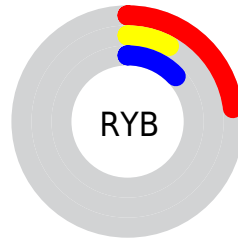
The YUV color **33.0290, -0.5073, 22.7766** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **45.9710, 0.5073, -22.7766**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.1110, -1.5337, 25.3357**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.0510, -0.5181, 26.2653**, and if you desaturate by 10%, it is **37.0070, -0.4965, 19.2879**.

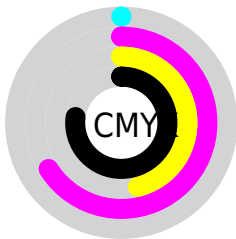
Distribution



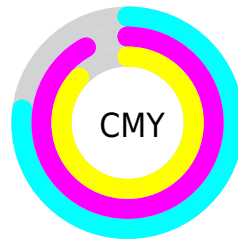
- Red (23%)
- Green (8%)
- Blue (13%)



- Red (23%)
- Yellow (8%)
- Blue (13%)



- Cyan (0%)
- Magenta (66%)
- Yellow (46%)
- Black (77%)



- Cyan (77%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.0290, -0.5073, 22.7766 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 33.0290, -0.5073, 22.7766 by changing the saturation by 10% instead.

■ 33.0290, -0.5073,
22.7766

■ 33.0290, -0.5073,
22.7766

■ 251.4780, 1.7363,
3.0888

■ 12.5730, -2.2545,
23.1765

■ 79.1110, -1.5337,
25.3357

■ 0.0000, 0.0000,
0.0000

■ 103.1220, -1.5391,
27.0800

■ 128.7200, -1.8340,
28.3096

■ 155.2040, -2.5656,
29.6391

■ 181.9160, -2.4236,
30.7687

■ 209.8020, -2.8604,

30.8686

■ 232.5340, 0.2297,
19.7027

■ 33.0290, -0.5073,
22.7766

■ 33.0290, -0.5073,
22.7766

■ 29.0510, -0.5181,
26.2653

■ 37.0070, -0.4965,
19.2879

■ 25.0730, -0.5290,
29.7540

■ 40.9850, -0.4856,
15.7992

■ 21.0950, -0.5398,
33.2427

■ 44.9630, -0.4748,
12.3104

■ 19.6930, -0.8346,
34.4722

■ 48.9410, -0.4639,
8.8217

■ 52.3320, -0.1637,
5.8478

■ 56.4240, 0.2840,
2.2592

■ 60.4020, 0.2948,
-1.2296

■ 64.3800, 0.3057,
-4.7183

■ 68.3580, 0.3165,
-8.2070

Harmonies

Analogous

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



34.2930, 5.7716, 15.5290



33.0290, -0.5073, 22.7766



32.3080, -7.0538, 22.5319

Triad

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



33.0290, -0.5073, 22.7766



29.9490, -12.7929, -3.4633



29.0320, 14.7742, -25.4611

Complementary

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



33.0290, -0.5073, 22.7766



45.9710, 0.5073, -22.7766

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.



29.0660, 9.8275, -25.4909



33.0290, -0.5073, 22.7766



26.0700, -2.9925, -20.2324

Square

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



33.0290, -0.5073, 22.7766



31.3310, -15.4462, 7.6027



27.4700, 3.7123, -24.0912



28.5210, 16.5051, -20.6279

Rectangle

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



33.0290, -0.5073, 22.7766



32.0920, -12.8634, 19.2133



27.4700, 3.7123, -24.0912



29.2770, 13.1744, -25.6759

Sweetspot

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



33.0290, -0.5073, 22.7766



66.3540, -0.1745, 9.3365



32.5190, 13.0551, 12.6998



32.0330, -0.0163, 5.2331



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.



33.0290, -0.5073, 22.7766



36.4050, -0.6927, 35.6018



35.7700, -7.7746, 20.3727



28.8970, -0.4422, 1.8443



31.4120, -1.1891, 54.8897



74.1300, -3.0221, 129.6820

Inverse Universe

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



33.0290, -0.5073, 22.7766



36.4050, -0.6927, 35.6018



43.2300, 7.7746, -20.3727



28.8970, -0.4422, 1.8443



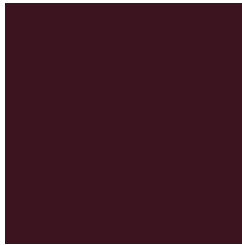
31.4120, -1.1891, 54.8897



74.1300, -3.0221, 129.6820

Previews

White Background



This preview shows how the YUV color 33.0290, -0.5073, 22.7766 looks on a white background.

Color Contrast Check

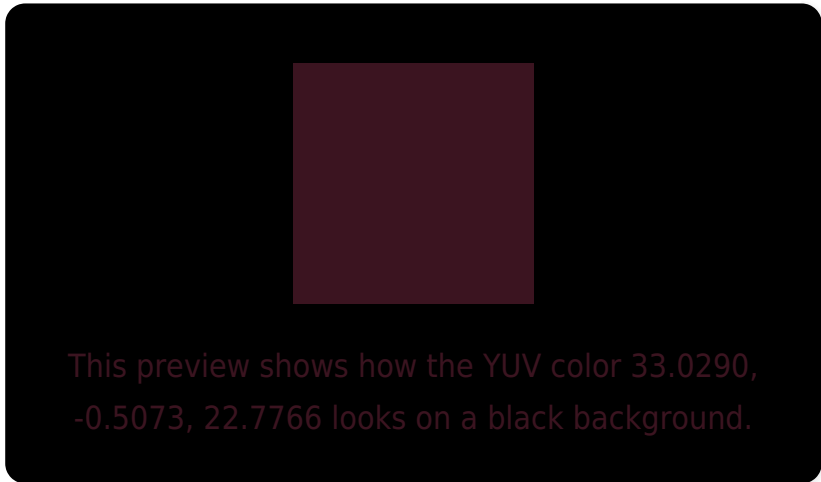
Large Text (above 18pt) WCAG AA ✓ Pass

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

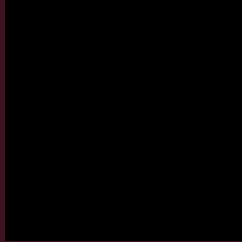
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.0290, -0.5073, 22.7766

Background



This preview shows how black text looks on a background with the YUV color 33.0290, -0.5073, 22.7766.

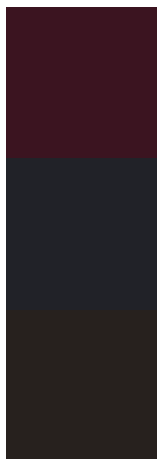


This preview shows how white text looks on a background with the YUV color 33.0290, -0.5073,

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

33.0290, -0.5073, 22.7766

Protanopia

34.3850, 2.7682, -1.2146

Deuteranopia

34.4520, -2.1948, 3.9886



Tritanopia

32.8780, -4.8699, 22.0320

Trichromacy



Original Color

33.0290, -0.5073, 22.7766

Protanomaly

33.7990, 1.5781, 7.1923

Deuteranomaly

33.7240, -1.3429, 10.7661

Tritanomaly

32.6330, -3.2701, 22.2469

Monochromacy



Original Color

33.0290, -0.5073, 22.7766

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.7560, 0.1203, 8.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.0290, -0.5073, 22.7766 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, 20, 32)` looks like.

```
.text, #text, p{  
    color:rgb(59, 20, 32)  
}
```

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, 20, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 20, 32) }
```

Border

The CSS property to change the border of an element to YUV 33.0290, -0.5073, 22.7766 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, 20, 32) }
```


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

```
.border{ border-color:rgb(59, 20, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 20, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 20, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 20, 32);  
box-shadow:4px 4px 4px 4px rgb(59, 20, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.0290, -0.5073, 22.7766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 20, 32) }
```

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

```
.background{ background-color: rgb(59, 20,  
32) }
```

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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