

Converting Colors

YUV(33.6530, 3.1291, 23.1063)

Have a look what the booklet for
YUV(33.6530, 3.1291, 23.1063)
contains.

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Color

**YUV(33.6530, 3.1291,
23.1063)**

Conversions

Conversions Part 1

Format	Color
Hex	3C1328
RGB	60, 19, 40
RGB Percent	24%, 7%, 16%
CMY	0.7647, 0.9255, 0.8431
CMYK	0.00, 0.68, 0.33, 0.76
HSL	329°, 52%, 15%
HSV	329°, 68%, 24%
XYZ	2.4794, 1.5796, 2.1817
YIQ	33.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

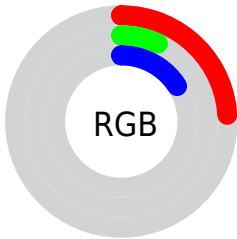
Format	Color
RYB	60, 19, 40
Decimal	3937064
CIELab	13.11, 22.83, -4.14
CIELCh	13, 23.205, 349.723
Yxy	1.5796, 0.3973, 0.2531
Android (android.graphics.Color)	4282127144 (0xFF3C1328)
YUV	33.6530, 3.1291, 23.1063
Hunter-Lab	12.5682, 13.2186, -1.4943




Details

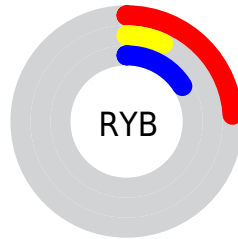
The YUV color **33.6530, 3.1291, 23.1063** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **45.3470, -3.1291, -23.1063**, and the grayscale version is **34.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **79.8490, 2.5394, 25.5654**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.7890, 3.5550, 26.4950**, and if you desaturate by 10%, it is **37.5170, 2.7031, 19.7176**.

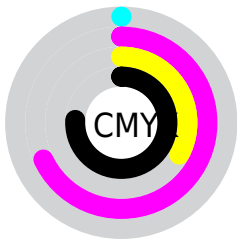
Distribution







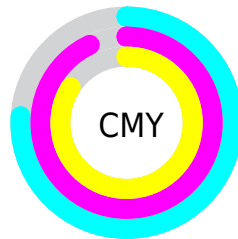
-  Red (24%)
-  Green (7%)
-  Blue (16%)






-  Red (24%)
-  Yellow (7%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (68%)
-  Yellow (33%)
-  Black (76%)




-  Cyan (76%)
-  Magenta (93%)
-  Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the YUV color 33.6530, 3.1291, 23.1063 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 33.6530, 3.1291, 23.1063 by changing the saturation by 10% instead.

 33.6530, 3.1291,
23.1063

 33.6530, 3.1291,
23.1063


 251.4780, 1.7363,
3.0888


 13.9410, 2.9871,
21.9767


 79.8490, 2.5394,
25.5654

 0.0000, 0.0000,
0.0000

 104.4470, 2.2446,
26.7950

 130.1590, 2.3866,
27.9246

 155.8710, 2.5286,
29.0541

 183.1700, 2.3812,
29.6689

 210.7680, 2.0864,

30.8985

233.2010, 5.3239,
19.1177

33.6530, 3.1291,
23.1063

33.6530, 3.1291,
23.1063

29.7890, 3.5550,
26.4950

37.5170, 2.7031,
19.7176

25.9250, 3.9810,
29.8838

41.3810, 2.2772,
16.3289

22.0610, 4.4069,
33.2725

45.2450, 1.8512,
12.9401

21.4740, 4.6963,
33.7873

49.1090, 1.4253,
9.5514

52.9730, 0.9993,
6.1627

■ 56.8370, 0.5734,
2.7740

■ 60.5870, -0.2894,
-0.5148

■ 64.4510, -0.7153,
-3.9035

■ 68.3150, -1.1413,
-7.2923

Harmonies

Analogous

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



35.2970, 9.7136, 11.1405



33.6530, 3.1291, 23.1063



32.7260, -4.3019, 26.5503

Triad

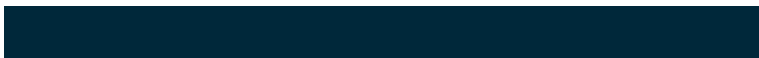
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.6530, 3.1291, 23.1063



30.9990, -15.2825, 1.7549



30.0920, 13.7586, -26.3907

Complementary

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



33.6530, 3.1291, 23.1063



45.3470, -3.1291, -23.1063

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.



29.0830, 7.3541, -25.5058



33.6530, 3.1291, 23.1063



27.9200, -8.8346, -13.0848

Square

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



33.6530, 3.1291, 23.1063



32.5490, -16.0467, 13.5505



27.1450, -0.0715, -23.8062



29.1290, 17.6844, -25.5461

Rectangle

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



33.6530, 3.1291, 23.1063



32.2220, -9.9694, 24.3613



27.1450, -0.0715, -23.8062



30.2230, 11.7221, -26.5056

Sweetspot

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



33.6530, 3.1291, 23.1063



68.1090, 1.4253, 9.5514



29.6540, 14.9606, 8.1964



34.5600, 0.7099, 5.6479



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



33.6530, 3.1291, 23.1063



37.1970, 4.8329, 36.6612



31.3730, -5.6069, 25.1059



29.0110, -0.0054, 1.7444



33.5780, 7.1100, 52.9901



79.3740, 17.0706, 125.0830

Inverse Universe

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



33.6530, 3.1291, 23.1063



37.1970, 4.8329, 36.6612



47.6270, 5.6069, -25.1059



29.0110, -0.0054, 1.7444



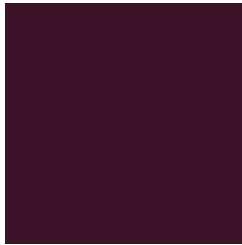
33.5780, 7.1100, 52.9901



79.3740, 17.0706, 125.0830

Previews

White Background



This preview shows how the YUV color 33.6530, 3.1291, 23.1063 looks on a white background.

Color Contrast Check

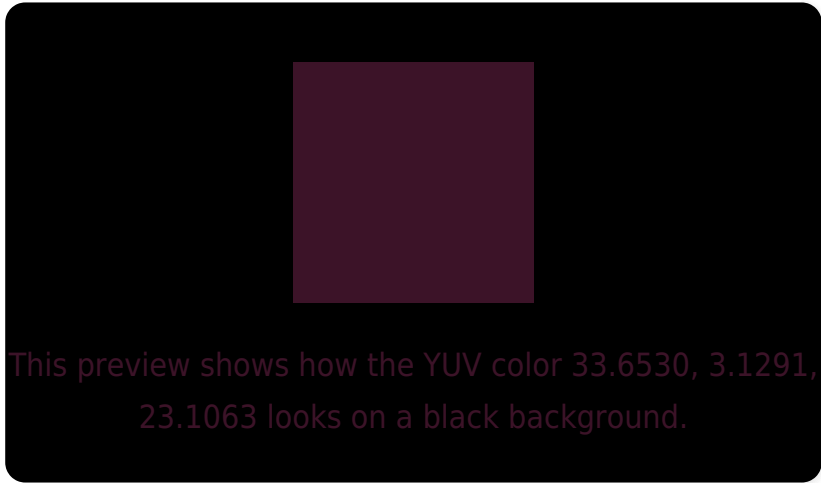
Large Text (above 18pt) WCAG AA ✓ Pass

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

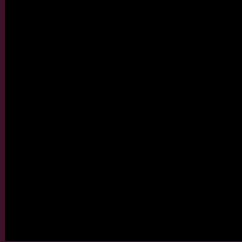
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.6530, 3.1291, 23.1063

Background



This preview shows how black text looks on a background with the YUV color 33.6530, 3.1291, 23.1063.



This preview shows how white text looks on a background with the YUV color 33.6530, 3.1291,

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

33.6530, 3.1291, 23.1063

Protanopia

35.3290, 7.7258, -4.6735

Deuteranopia

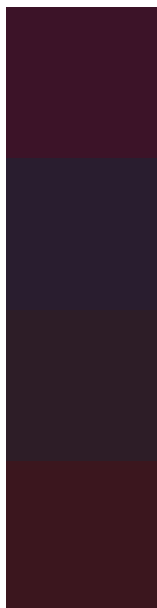
35.3530, 1.3050, 1.4444



Tritanopia

33.8780, -4.8699, 22.0320

Trichromacy



Original Color

33.6530, 3.1291, 23.1063

Protanomaly

34.6400, 6.0935, 5.5777

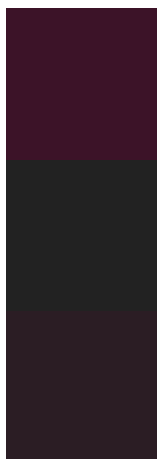
Deuteranomaly

34.9240, 2.0095, 8.8367

Tritanomaly

33.9750, -1.9597, 21.9469

Monochromacy



Original Color

33.6530, 3.1291, 23.1063

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.9840, 0.9939, 7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.6530, 3.1291, 23.1063 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(60, 19, 40)` looks like.

```
.text, #text, p{  
    color:rgb(60, 19, 40)  
}
```

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(60, 19, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 19, 40) }
```

Border

The CSS property to change the border of an element to YUV 33.6530, 3.1291, 23.1063 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(60, 19, 40) }
```


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

```
.border{ border-color:rgb(60, 19, 40) }
```

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

Here you see how a box with a 4 pixel rgb(60, 19, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 19, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 19, 40);  
box-shadow:4px 4px 4px 4px rgb(60, 19, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.6530, 3.1291, 23.1063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 19, 40) }
```

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

```
.background{ background-color: rgb(60, 19,  
40) }
```

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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