

Converting Colors

YUV(31.2360, 15.6597, 17.3330)

Have a look what the booklet for
YUV(31.2360, 15.6597, 17.3330)
contains.

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Color

**YUV(31.2360, 15.6597,
17.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	330F3F
RGB	51, 15, 63
RGB Percent	20%, 6%, 25%
CMY	0.8000, 0.9412, 0.7529
CMYK	0.19, 0.76, 0.00, 0.75
HSL	285°, 62%, 15%
HSV	285°, 76%, 25%
XYZ	2.4333, 1.4043, 4.8454
YIQ	31.2360, 6.0480, 22.5600

Conversions

Conversions Part 2

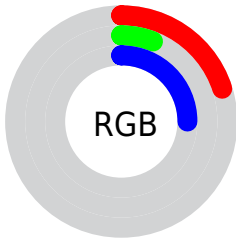
Format	Color
R_{YB}	51, 15, 63
Decimal	3346239
CIE _{Lab}	11.99, 26.73, -22.62
CIE _{LCh}	12, 35.018, 319.760
Yxy	1.4043, 0.2802, 0.1617
Android (android.graphics.Color)	4281536319 (0xFF330F3F)
YUV	31.2360, 15.6597, 17.3330
Hunter-Lab	11.8505, 15.9132, -15.9473




Details

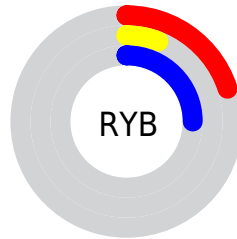
The YUV color **31.2360, 15.6597, 17.3330** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.7640, -15.6597, -17.3330**, and the grayscale version is **31.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **77.4750, 16.5278, 18.8774**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **27.1160, 17.6908, 19.1923**, and if you desaturate by 10%, it is **35.3560, 13.6285, 15.4738**.

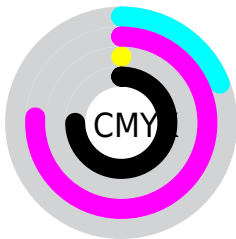
Distribution







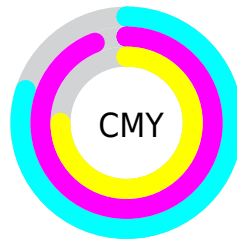
-  Red (20%)
-  Green (6%)
-  Blue (25%)






-  Red (20%)
-  Yellow (6%)
-  Blue (25%)



-  Cyan (19%)
-  Magenta (76%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (80%)
-  Magenta (94%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.2360, 15.6597, 17.3330 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 31.2360, 15.6597, 17.3330 by changing the saturation by 10% instead.

■ 31.2360, 15.6597,
17.3330

■ 31.2360, 15.6597,
17.3330

■ 249.1300, 2.8939,
5.1480

■ 14.2420, 13.1917,
15.5738

■ 77.4750, 16.5278,
18.8774

■ 2.7530, 8.0098,
-2.4144

■ 102.3010, 17.1066,
19.9070

■ 0.0000, 0.0000,
0.0000

■ 127.7140, 17.3960,
20.4218

■ 153.5400, 17.9748,
21.4514

■ 180.9530, 18.2642,
21.9662

■ 208.7790, 18.8430,

22.9958

232.1070, 11.2862,
20.0772

31.2360, 15.6597,
17.3330

31.2360, 15.6597,
17.3330

27.1160, 17.6908,
19.1923

35.3560, 13.6285,
15.4738

22.7080, 19.8640,
22.1811

39.7640, 11.4553,
12.4850

21.2350, 20.5901,
22.5959

43.8840, 9.4242,
10.6257

47.7050, 7.5404,
8.1517

52.4120, 5.2199,
5.7777

■ 56.2330, 3.3361,
3.3037

■ 60.3530, 1.3050,
1.4444

■ 64.4730, -0.7262,
-0.4148

■ 68.8810, -2.8993,
-3.4036

Harmonies

Analogous

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



25.8010, 25.2411, -22.6275



31.2360, 15.6597, 17.3330



25.3050, 7.7376, 38.3205

Triad

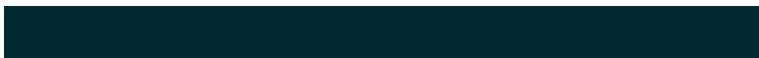
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.2360, 15.6597, 17.3330



30.4890, -15.0311, 14.4801



30.0120, 8.3751, -26.3205

Complementary

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



31.2360, 15.6597, 17.3330



46.7640, -15.6597, -17.3330

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.



27.1620, -2.5449, -23.8211



31.2360, 15.6597, 17.3330



28.3190, -13.9613, -2.0338

Square

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



31.2360, 15.6597, 17.3330



27.9410, -13.7749, 31.6237



22.8930, -11.2862, -20.0772



31.8190, 17.8372, -27.9053

Rectangle

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



31.2360, 15.6597, 17.3330



24.3780, 0.3066, 41.7645



22.8930, -11.2862, -20.0772



29.1000, 4.8807, -25.5207

Sweetspot

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



31.2360, 15.6597, 17.3330



69.3520, 6.2355, 6.7073



27.5160, 17.4936, -10.9765



33.0590, 3.9149, 4.3333



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.



31.2360, 15.6597, 17.3330



32.2940, 24.5051, 26.9292



33.4560, 8.6492, 25.9101



28.9400, 1.0156, 0.9296



31.9450, 30.5931, 34.2512



74.9420, 72.4996, 79.8579

Inverse Universe

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



30.7200, -1.8340, 28.3096



31.5910, -2.7564, 44.2087



44.5440, -8.6492, -25.9101



28.8970, -0.4422, 1.8443



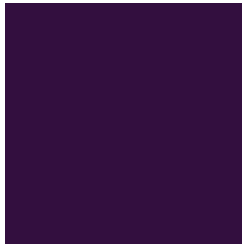
30.8420, -3.3731, 55.3896



72.6480, -8.7005, 130.9817

Previews

White Background



This preview shows how the YUV color 31.2360, 15.6597, 17.3330 looks on a white background.

Color Contrast Check

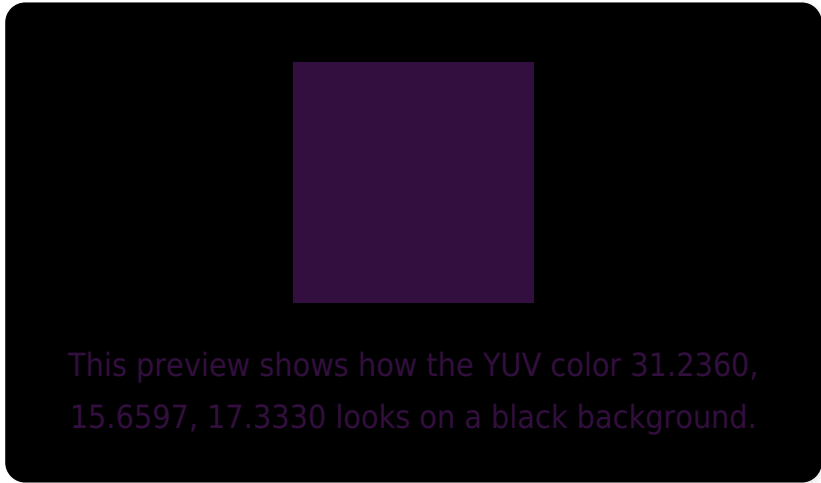
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2360, 15.6597, 17.3330

Background



This preview shows how black text looks on a background with the YUV color 31.2360, 15.6597, 17.3330.



This preview shows how white text looks on a background with the YUV color 31.2360, 15.6597,

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

31.2360, 15.6597, 17.3330

Protanopia

26.4220, 20.0050, -23.1721

Deuteranopia

26.7980, 16.3686, -23.5018



Tritanopia

33.6100, -1.7797, 10.8660

Trichromacy



Original Color

31.2360, 15.6597, 17.3330

Protanomaly

28.4670, 18.5038, -8.3026

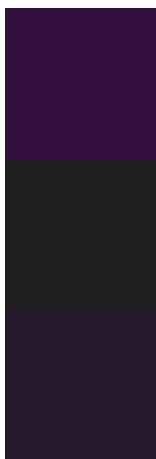
Deuteranomaly

28.4840, 16.0304, -8.3175

Tritanomaly

32.6410, 4.6140, 13.4698

Monochromacy



Original Color

31.2360, 15.6597, 17.3330

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.9390, 5.9461, 6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.2360, 15.6597, 17.3330 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(51, 15, 63)` looks like.

```
.text, #text, p{  
    color:rgb(51, 15, 63)  
}
```

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(51, 15, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 15, 63) }
```

Border

The CSS property to change the border of an element to YUV 31.2360, 15.6597, 17.3330 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(51, 15, 63) }
```


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

```
.border{ border-color:rgb(51, 15, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 15, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 15, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 15, 63);  
box-shadow:4px 4px 4px 4px rgb(51, 15, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.2360, 15.6597, 17.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 15, 63) }
```

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

```
.background{ background-color: rgb(51, 15,  
63) }
```

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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