

Converting Colors

YUV(31.5240, 15.5177, 16.2035)

Have a look what the booklet for
YUV(31.5240, 15.5177, 16.2035)
contains.

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Color

**YUV(31.5240, 15.5177,
16.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	32103F
RGB	50, 16, 63
RGB Percent	20%, 6%, 25%
CMY	0.8039, 0.9373, 0.7529
CMYK	0.21, 0.75, 0.00, 0.75
HSL	283°, 59%, 15%
HSV	283°, 75%, 25%
XYZ	2.3979, 1.4076, 4.8479
YIQ	31.5240, 5.1770, 21.8250

Conversions

Conversions Part 2

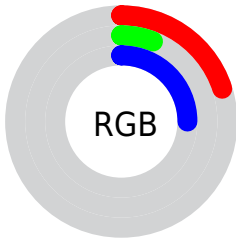
Format	Color
R_{YB}	50, 16, 63
Decimal	3280959
CIE _{Lab}	12.01, 25.92, -22.60
CIE _{LCh}	12, 34.387, 318.919
Yxy	1.4076, 0.2771, 0.1627
Android (android.graphics.Color)	4281471039 (0xFF32103F)
YUV	31.5240, 15.5177, 16.2035
Hunter-Lab	11.8641, 15.3149, -15.9223

Details

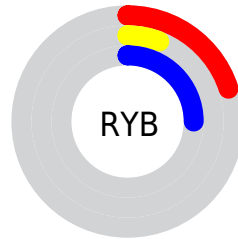
The YUV color **31.5240, 15.5177, 16.2035** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **47.4760, -15.5177, -16.2035**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7630, 16.3858, 17.7478**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **27.4040, 17.5488, 18.0627**, and if you desaturate by 10%, it is **35.6440, 13.4865, 14.3442**.

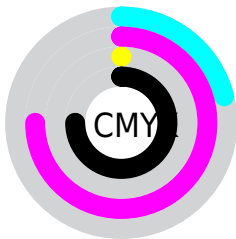
Distribution



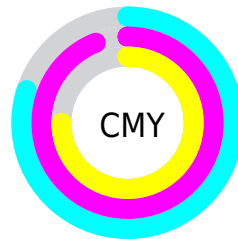
- Red (20%)
- Green (6%)
- Blue (25%)



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



- Cyan (21%)
- Magenta (75%)
- Yellow (0%)
- Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5240, 15.5177, 16.2035 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 31.5240, 15.5177, 16.2035 by changing the saturation by 10% instead.

■ 31.5240, 15.5177,
16.2035

■ 31.5240, 15.5177,
16.2035

■ 249.1300, 2.8939,
5.1480

■ 13.9430, 13.3391,
14.9590

■ 77.7630, 16.3858,
17.7478

■ 2.7530, 8.0098,
-2.4144

■ 102.5890, 16.9646,
18.7774

■ 0.0000, 0.0000,
0.0000


■ 127.4150, 17.5434,
19.8070

■ 153.8280, 17.8328,
20.3218


■ 180.6540, 18.4116,
21.3514


■ 208.7680, 18.8484,


21.2515


 232.6940, 10.9969,
19.5624


 31.5240, 15.5177,
16.2035


 31.5240, 15.5177,
16.2035


 27.4040, 17.5488,
18.0627


 35.6440, 13.4865,
14.3442


 22.9960, 19.7220,
21.0515

 40.0520, 11.3134,
11.3554

 20.9360, 20.7376,
21.9811

 44.1720, 9.2822,
9.4962

 48.2920, 7.2510,
7.6369

 52.9990, 4.9305,
5.2629

■ 56.8200, 3.0467,
2.7889

■ 60.9400, 1.0156,
0.9296

■ 65.0600, -1.0156,
-0.9296

■ 69.7670, -3.3361,
-3.3037

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



31.5240, 15.5177, 16.2035



25.5930, 7.5957, 37.1909

Triad

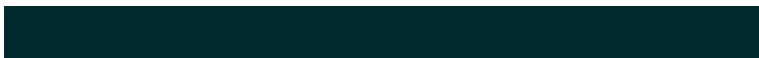
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.5240, 15.5177, 16.2035



30.2010, -14.8891, 15.6097



29.8980, 7.9383, -26.2205

Complementary

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



31.5240, 15.5177, 16.2035



47.4760, -15.5177, -16.2035

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.



26.5750, -2.2555, -23.3063



31.5240, 15.5177, 16.2035



28.6180, -14.1087, -1.4190

Square

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



31.5240, 15.5177, 16.2035



27.9410, -13.7749, 31.6237



22.8930, -11.2862, -20.0772



31.7050, 17.4004, -27.8053

Rectangle

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



31.5240, 15.5177, 16.2035



24.4920, 0.7434, 41.6645



22.8930, -11.2862, -20.0772



28.9860, 4.4439, -25.4207

Sweetspot

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



31.5240, 15.5177, 16.2035



69.9390, 5.9461, 6.1925



28.9890, 16.7674, -11.3914



33.6460, 3.6255, 3.8185



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.



31.5240, 15.5177, 16.2035



32.2830, 24.5105, 25.1848



34.2710, 9.2334, 25.1953



28.9400, 1.0156, 0.9296



31.0480, 31.0353, 32.4069



73.1480, 73.3840, 76.1692

Inverse Universe

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



31.5350, -1.2498, 27.5948



32.4060, -2.1722, 43.4939



44.7290, -9.2334, -25.1953



28.8970, -0.4422, 1.8443



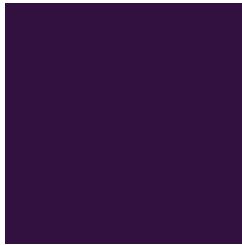
31.0700, -2.4995, 55.1896



73.3320, -6.0797, 130.3818

Previews

White Background



This preview shows how the YUV color 31.5240, 15.5177, 16.2035 looks on a white background.

Color Contrast Check

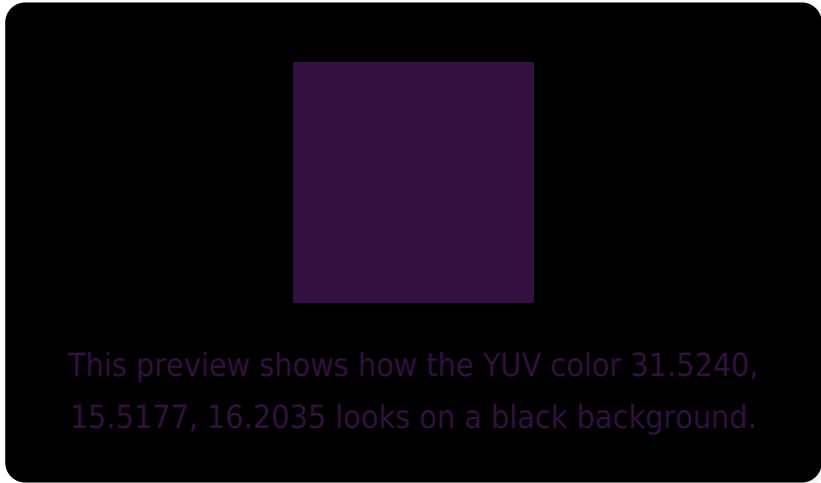
Large Text (above 18pt) WCAG AA ✓ Pass

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

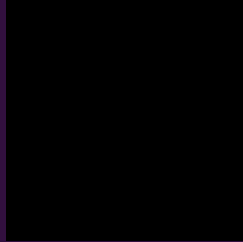
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.5240, 15.5177, 16.2035

Background



This preview shows how black text looks on a background with the YUV color 31.5240, 15.5177, 16.2035.



This preview shows how white text looks on a background with the YUV color 31.5240, 15.5177,

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

31.5240, 15.5177, 16.2035

Protanopia

26.4220, 20.0050, -23.1721

Deuteranopia

26.6840, 15.9318, -23.4019



Tritanopia

33.3110, -1.6323, 10.2513

Trichromacy



Original Color

31.5240, 15.5177, 16.2035

Protanomaly

28.1680, 18.6512, -8.9173

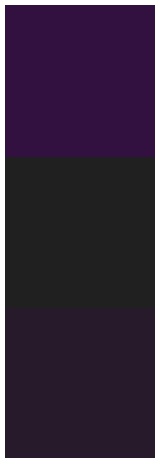
Deuteranomaly

28.0710, 15.7410, -8.8323

Tritanomaly

32.9290, 4.4720, 12.3403

Monochromacy



Original Color

31.5240, 15.5177, 16.2035

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8250, 5.5093, 6.2925

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5240, 15.5177, 16.2035 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(50, 16, 63)` looks like.

```
.text, #text, p{  
    color:rgb(50, 16, 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(50, 16, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 16, 63) }
```

Border

The CSS property to change the border of an element to YUV 31.5240, 15.5177, 16.2035 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(50, 16, 63) }
```


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

```
.border{ border-color:rgb(50, 16, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 16, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 16, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 16, 63);  
box-shadow:4px 4px 4px 4px rgb(50, 16, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.5240, 15.5177, 16.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 16, 63) }
```

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

```
.background{ background-color: rgb(50, 16,  
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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