

Converting Colors

YUV(31.2600, 46.2138, 17.3120)

Have a look what the booklet for
YUV(31.2600, 46.2138, 17.3120)
contains.

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Color

**YUV(31.2600, 46.2138,
17.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	33037D
RGB	51, 3, 125
RGB Percent	20%, 1%, 49%
CMY	0.8000, 0.9882, 0.5098
CMYK	0.59, 0.98, 0.00, 0.51
HSL	264°, 95%, 25%
HSV	264°, 98%, 49%
XYZ	5.0995, 2.2496, 19.5675
YIQ	31.2600, -10.5540, 48.1180

Conversions

Conversions Part 2

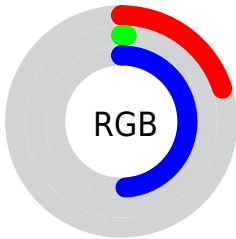
Format	Color
RYB	51, 3, 125
Decimal	3343229
CIELab	16.75, 47.43, -56.41
CIELCh	17, 73.699, 310.063
Yxy	2.2496, 0.1895, 0.0836
Android (android.graphics.Color)	4281533309 (0xFF33037D)
YUV	31.2600, 46.2138, 17.3120
Hunter-Lab	14.9987, 34.4415, -66.8515

Details

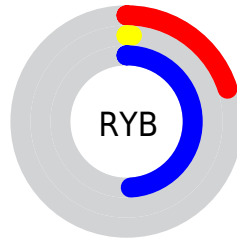
The YUV color **31.2600, 46.2138, 17.3120** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **96.7400, -46.2138, -17.3120**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.1570, 45.7716, 19.1563**, and **8.5500, 32.7599, -7.4984** is the 20% darker color. If you saturate the color by 10%, you get **28.9010, 47.3768, 17.6268**, and if you desaturate by 10%, it is **41.2830, 41.2725, 15.5378**.

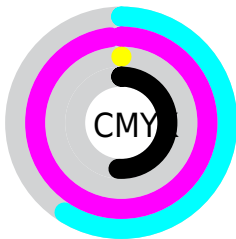
Distribution



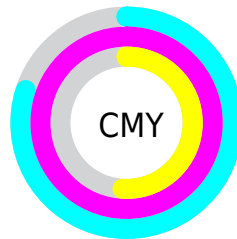
- Red (20%)
- Green (1%)
- Blue (49%)



- Red (20%)
- Yellow (1%)
- Blue (49%)



- Cyan (59%)
- Magenta (98%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.2600, 46.2138, 17.3120 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 31.2600, 46.2138, 17.3120 by changing the saturation by 10% instead.

■ 31.2600, 46.2138,
17.3120

■ 31.2600, 46.2138,
17.3120

■ 249.7170, 2.6045,
4.6332

■ 16.0700, 40.8845,
-0.0614

■ 86.1570, 45.7716,
19.1563

■ 8.5500, 32.7599,
-7.4984

■ 112.3960, 46.6398,
20.7007

■ 8.1620, 21.1191,
-7.1581

■ 139.2220, 47.2186,
21.7303

■ 4.4800, 12.0884,
-3.9290

■ 165.4350, 44.1555,
24.1745


■ 0.0000, 0.0000,
0.0000


■ 189.9550, 32.0672,
28.1035


■ 215.3610, 19.5420,


32.1324


 232.6940, 10.9969,
19.5624


 31.2600, 46.2138,
17.3120


 31.2600, 46.2138,
17.3120


 28.9010, 47.3768,
17.6268

 41.2830, 41.2725,
15.5378

 50.4200, 36.7679,
13.6637

 60.4430, 31.8266,
11.8895

 69.5800, 27.3221,
10.0153

 79.6030, 22.3807,
8.2412

■ 88.7400, 17.8762,
6.3670

■ 98.1760, 13.2242,
5.1076

■ 108.1990, 8.2829,
3.3335

■ 117.9230, 3.4890,
0.9445

Harmonies

Analogous

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



44.1020, 52.2077, -38.6775



31.2600, 46.2138, 17.3120



42.1950, 18.1449, 60.3420

Triad

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



31.2600, 46.2138, 17.3120



37.1220, -18.3011, 36.7270



41.3590, 8.6970, -36.2718

Complementary

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



31.2600, 46.2138, 17.3120



96.7400, -46.2138, -17.3120

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.



34.0460, -16.7847, -29.8583



31.2600, 46.2138, 17.3120



37.1790, -18.3292, -1.0340

Square

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



31.2600, 46.2138, 17.3120



32.8900, -16.2148, 67.6255



31.6980, -15.6271, -27.7991



47.7600, 30.6843, -41.8855

Rectangle

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



31.2600, 46.2138, 17.3120



41.7930, 1.0881, 71.2185



31.6980, -15.6271, -27.7991



39.1930, 0.3979, -34.3723

Sweetspot

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



31.2600, 46.2138, 17.3120



126.7400, 17.8762, 6.3670



60.9330, 31.5850, -50.8072



59.5950, 11.0457, 3.8632



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



31.2600, 46.2138, 17.3120



37.7180, 61.7640, 23.0493



49.2000, 37.3694, 54.1986



58.6950, 2.6154, 1.1445



29.5420, 48.5398, 17.9417



0.0000, 0.0000, 0.0000

Inverse Universe

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



47.9140, 14.3394, 67.6044



60.0230, 19.2157, 90.3108



78.8000, -37.3694, -54.1986



59.5490, 0.7153, 3.9035



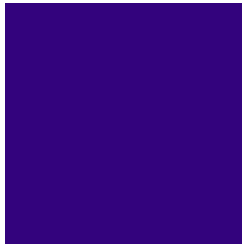
47.0500, 14.7654, 70.9931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 31.2600, 46.2138, 17.3120 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

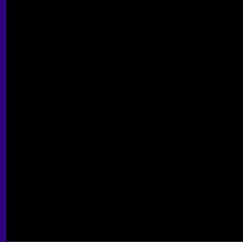
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.2600, 46.2138, 17.3120

Background



This preview shows how black text looks on a background with the YUV color 31.2600, 46.2138, 17.3120.



This preview shows how white text looks on a background with the YUV color 31.2600, 46.2138,

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

31.2600, 46.2138, 17.3120

Protanopia

35.5010, 26.8680, -31.1344

Deuteranopia

35.7800, 20.3215, -31.3791



Tritanopia

40.1870, 6.3168, -19.4580

Trichromacy



Original Color

31.2600, 46.2138, 17.3120

Protanomaly

33.8590, 34.0865, -13.0313

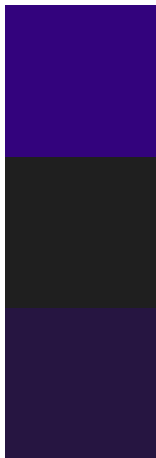
Deuteranomaly

34.0070, 29.5765, -13.1611

Tritanomaly

36.7600, 20.8243, -5.9285

Monochromacy



Original Color

31.2600, 46.2138, 17.3120

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0990, 16.7132, 6.0522

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.2600, 46.2138, 17.3120 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, 3, 125)` looks like.

```
.text, #text, p{  
    color:rgb(51, 3, 125)  
}
```

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, 3, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 3, 125) }
```

Border

The CSS property to change the border of an element to YUV 31.2600, 46.2138, 17.3120 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, 3, 125) }
```


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

```
.border{ border-color:rgb(51, 3, 125) }
```

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

Here you see how a box with a 4 pixel rgb(51, 3, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 3, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 3, 125);  
box-shadow:4px 4px 4px 4px rgb(51, 3, 125)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.2600, 46.2138, 17.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 3, 125) }
```

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

```
.background{ background-color: rgb(51, 3,  
125) }
```

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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