

Converting Colors

YUV(48.3860, 31.3617,
-25.7715)

Have a look what the booklet for
YUV(48.3860, 31.3617, -25.7715)
contains.

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Color

**YUV(48.3860, 31.3617,
-25.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	133370
RGB	19, 51, 112
RGB Percent	7%, 20%, 44%
CMY	0.9255, 0.8000, 0.5608
CMYK	0.83, 0.54, 0.00, 0.56
HSL	219°, 71%, 26%
HSV	219°, 83%, 44%
XYZ	4.3770, 3.6760, 15.8081
YIQ	48.3860, -38.6530, 12.1870

Conversions

Conversions Part 2

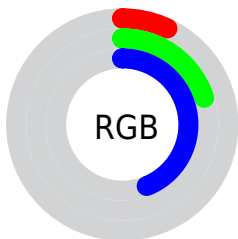
Format	Color
R_{YB}	19, 43, 112
Decimal	1258352
CIE _{Lab}	22.57, 12.97, -38.62
CIE _{LCh}	23, 40.736, 288.565
Yxy	3.6760, 0.1834, 0.1541
Android (android.graphics.Color)	4279448432 (0xFF133370)
YUV	48.3860, 31.3617, -25.7715
Hunter-Lab	19.1728, 7.1980, -35.4640

Details

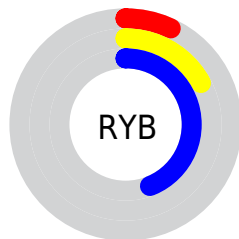
The YUV color **48.3860, 31.3617, -25.7715** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **82.6140, -31.3617, 25.7715**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.2560, 31.9188, -17.7645**, and **10.1170, 26.0713, -8.8726** is the 20% darker color. If you saturate the color by 10%, you get **40.9880, 35.0089, -28.9305**, and if you desaturate by 10%, it is **55.7840, 27.7145, -22.6126**.

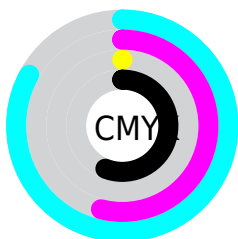
Distribution



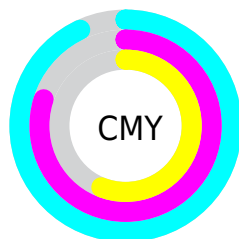
- Red (7%)
- Green (20%)
- Blue (44%)



- Red (7%)
- Yellow (17%)
- Blue (44%)



- Cyan (83%)
- Magenta (54%)
- Yellow (0%)
- Black (56%)



- Cyan (93%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.3860, 31.3617, -25.7715 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 48.3860, 31.3617, -25.7715 by changing the saturation by 10% instead.

■ 48.3860, 31.3617,
-25.7715

■ 48.3860, 31.3617,
-25.7715

■ 255.0000, 0.0000,
0.0000

■ 27.5280, 29.3197,
-24.1421

■ 99.2560, 31.9188,
-17.7645

■ 10.1170, 26.0713,
-8.8726

■ 124.6090, 33.2238,
-16.3201

■ 6.4350, 17.0405,
-5.6435

■ 151.1360, 33.9500,
-15.9053

■ 2.7530, 8.0098,
-2.4144

■ 178.5490, 34.2393,
-15.3905

■ 0.0000, 0.0000,
0.0000

■ 203.5680, 25.3560,
-12.7761

■ 228.6750, 12.9782,

-9.3620

■ 252.6080, 1.1793,
-4.9182

■ 48.3860, 31.3617,
-25.7715

■ 48.3860, 31.3617,
-25.7715

■ 40.9880, 35.0089,
-28.9305

■ 55.7840, 27.7145,
-22.6126

■ 35.6610, 37.6351,
-31.2747

■ 63.7690, 23.7779,
-19.9684

■ 71.4660, 19.9833,
-16.1947

■ 78.8640, 16.3360,
-13.0357

■ 86.8490, 12.3994,
-10.3916

■ 94.2470, 8.7522,
-7.2326

■ 101.6450, 5.1050,
-4.0737

■ 109.9290, 1.0210,
-0.8147

■ 117.3270, -2.6262,
2.3442

Harmonies

Analogous

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



48.8030, 32.1421, -42.8002



48.3860, 31.3617, -25.7715



55.1700, 19.1432, 20.0219

Triad

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



48.3860, 31.3617, -25.7715



49.6450, -21.5170, 41.5303



43.4160, -1.1911, -38.0758

Complementary

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



48.3860, 31.3617, -25.7715



82.6140, -31.3617, 25.7715

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.



39.3770, -15.4689, -31.9026



48.3860, 31.3617, -25.7715



51.1990, -25.2411, 22.6275

Square

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



48.3860, 31.3617, -25.7715



47.0650, -4.9620, 51.6860



48.9960, -24.1550, 0.8805



47.5370, 12.0603, -41.6899

Rectangle

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



48.3860, 31.3617, -25.7715



51.5700, 12.5370, 38.9651



48.9960, -24.1550, 0.8805



42.1620, -5.9959, -36.9761

Sweetspot

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



48.3860, 31.3617, -25.7715



120.7350, 11.9626, -10.2916



80.4310, -0.7055, -53.8750



58.6170, 7.5838, -5.8031



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



48.3860, 31.3617, -25.7715



45.8800, 48.8662, -40.2368



33.7880, 38.5585, -0.6911



51.8580, 2.0420, -1.6295



37.7470, 40.5507, -33.1041



78.0530, 83.2909, -68.4525

Inverse Universe

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



50.4550, 0.2687, 53.9750



49.0550, 0.4659, 84.1438



97.2120, -38.5585, 0.6911



52.0220, -0.0108, 3.4887



40.5540, 0.2199, 69.6741



83.5430, 0.7183, 143.3518

Previews

White Background



This preview shows how the YUV color 48.3860, 31.3617, -25.7715 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



This preview shows how the YUV color 48.3860, 31.3617, -25.7715 looks on a 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 48.3860, 31.3617, -25.7715

Background



This preview shows how black text looks on a background with the YUV color 48.3860, 31.3617, -25.7715.



This preview shows how white text looks on a background with the YUV color 48.3860, 31.3617, -25.7715.

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

48.3860, 31.3617, -25.7715

Protanopia

43.1780, 33.4362, -37.8671

Deuteranopia

43.2290, 26.0161, -37.9118



Tritanopia

42.5160, 10.5916, -37.2865

Trichromacy



Original Color

48.3860, 31.3617, -25.7715

Protanomaly

45.2710, 32.4044, -33.5637

Deuteranomaly

45.4190, 27.8944, -33.6935

Tritanomaly

44.7860, 17.8535, -33.1383

Monochromacy



Original Color

48.3860, 31.3617, -25.7715

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9200, 11.3784, -9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.3860, 31.3617, -25.7715 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(19, 51, 112)` looks like.

```
.text, #text, p{  
    color:rgb(19, 51, 112)  
}
```

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(19, 51, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 51, 112) }
```

Border

The CSS property to change the border of an element to YUV 48.3860, 31.3617, -25.7715 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(19, 51, 112) }
```


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

```
.border{ border-color:rgb(19, 51, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 51, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 51, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 51, 112);  
box-shadow:4px 4px 4px 4px rgb(19, 51,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 48.3860, 31.3617, -25.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 51, 112) }
```

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

```
.background{ background-color: rgb(19, 51,  
112) }
```

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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