

Converting Colors

YUV(31.6240, 37.1604,
-18.9642)

Have a look what the booklet for
YUV(31.6240, 37.1604, -18.9642)
contains.

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Color

**YUV(31.6240, 37.1604,
-18.9642)**

Conversions

Conversions Part 1

Format	Color
Hex	0A1C6B
RGB	10, 28, 107
RGB Percent	4%, 11%, 42%
CMY	0.9608, 0.8902, 0.5804
CMYK	0.91, 0.74, 0.00, 0.58
HSL	229°, 83%, 23%
HSV	229°, 91%, 42%
XYZ	3.1943, 1.9566, 14.1192
YIQ	31.6240, -36.0870, 20.7530

Conversions

Conversions Part 2

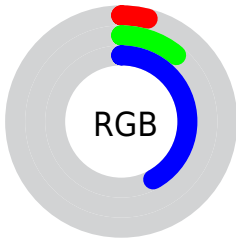
Format	Color
R_{YB}	10, 25, 107
Decimal	662635
CIE _{Lab}	15.26, 26.62, -47.34
CIE _{LCh}	15, 54.311, 299.353
Yxy	1.9566, 0.1658, 0.1015
Android (android.graphics.Color)	4278852715 (0xFF0A1C6B)
YUV	31.6240, 37.1604, -18.9642
Hunter-Lab	13.9878, 16.2840, -50.0558

Details

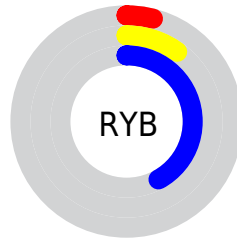
The YUV color **31.6240, 37.1604, -18.9642** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **85.3760, -37.1604, 18.9642**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.1140, 37.4118, -6.2390**, and **7.1990, 25.0449, -6.3135** is the 20% darker color. If you saturate the color by 10%, you get **23.9380, 40.9496, -20.9936**, and if you desaturate by 10%, it is **40.1960, 32.9344, -16.8349**.

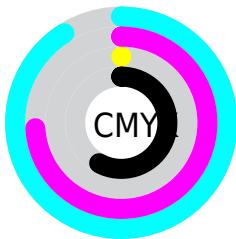
Distribution



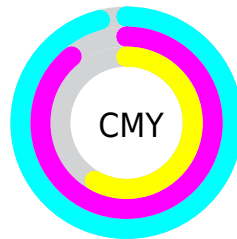
- Red (4%)
- Green (11%)
- Blue (42%)



- Red (4%)
- Yellow (10%)
- Blue (42%)



- Cyan (91%)
- Magenta (74%)
- Yellow (0%)
- Black (58%)



- Cyan (96%)
- Magenta (89%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.6240, 37.1604, -18.9642 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 31.6240, 37.1604, -18.9642 by changing the saturation by 10% instead.

■ 31.6240, 37.1604,
-18.9642

■ 31.6240, 37.1604,
-18.9642

■ 255.0000, 0.0000,
0.0000

■ 13.4570, 33.7917,
-11.8018

■ 83.1140, 37.4118,
-6.2390

■ 7.1990, 25.0449,
-6.3135

■ 107.8800, 39.0062,
-4.2798

■ 5.2780, 15.1459,
-4.6288

■ 134.1190, 39.8743,
-2.7354

■ 1.2540, 4.8048,
-1.0998

■ 160.6460, 40.6005,
-2.3205

■ 0.0000, 0.0000,
0.0000

■ 186.5340, 33.7537,
0.4087

■ 210.7550, 21.8128,

3.7229

■ 236.1610, 9.2876,
7.7518

■ 31.6240, 37.1604,
-18.9642

■ 31.6240, 37.1604,
-18.9642

■ 23.9380, 40.9496,
-20.9936

■ 40.1960, 32.9344,
-16.8349

■ 47.8820, 29.1452,
-14.8055

■ 56.4540, 24.9192,
-12.6762

■ 65.0260, 20.6932,
-10.5468

■ 73.5980, 16.4672,
-8.4174

■ 81.2840, 12.6780,
-6.3881

■ 89.8560, 8.4520,
-4.2587

■ 98.4280, 4.2260,
-2.1294

■ 106.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



39.7530, 38.0828, -34.8634



31.6240, 37.1604, -18.9642



32.8120, 22.2777, 41.3839

Triad

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



31.6240, 37.1604, -18.9642



32.7140, -16.1280, 39.7158



34.6280, 0.6764, -30.3688

Complementary

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



31.6240, 37.1604, -18.9642



85.3760, -37.1604, 18.9642

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.



29.3500, -14.4695, -25.7399



31.6240, 37.1604, -18.9642



36.3700, -17.9304, 11.0765

Square

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



31.6240, 37.1604, -18.9642



29.0030, -14.2985, 59.6334



27.8990, -13.7542, -21.8364



39.7750, 17.8589, -34.8827

Rectangle

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



31.6240, 37.1604, -18.9642



34.8600, 9.4360, 53.6198



27.8990, -13.7542, -21.8364



33.1460, -5.0020, -29.0690

Sweetspot

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



31.6240, 37.1604, -18.9642



110.4410, 14.5726, -7.4028



75.8310, 5.9993, -57.7338



53.8560, 8.4520, -4.2587



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



31.6240, 37.1604, -18.9642



31.2220, 53.6276, -27.3817



29.7290, 38.0946, 8.1307



49.2710, 2.3314, -1.1147



26.2520, 44.7388, -23.0230



54.3450, 93.9929, -47.6606

Inverse Universe

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



41.0550, -6.4361, 57.8338



44.8240, -9.2802, 83.4694



87.2710, -38.0946, -8.1307



49.9080, -0.4476, 3.5887



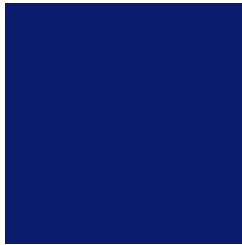
37.4910, -7.6371, 69.7294



78.3850, -16.4588, 146.1214

Previews

White Background



This preview shows how the YUV color 31.6240, 37.1604, -18.9642 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 31.6240, 37.1604, -18.9642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

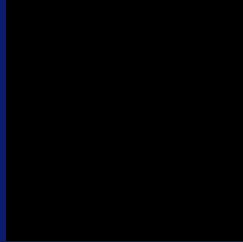
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.6240, 37.1604, -18.9642

Background



This preview shows how black text looks on a background with the YUV color 31.6240, 37.1604, -18.9642.



This preview shows how white text looks on a background with the YUV color 31.6240, 37.1604,

-18.9642.

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

31.6240, 37.1604, -18.9642

Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

31.2320, 18.1266, -27.3905



Tritanopia

31.0720, 7.3595, -27.2501

Trichromacy



Original Color

31.6240, 37.1604, -18.9642

Protanomaly

31.4140, 28.8829, -24.0421

Deuteranomaly

31.6760, 24.8097, -24.2719

Tritanomaly

31.2540, 18.1158, -23.9018

Monochromacy



Original Color

31.6240, 37.1604, -18.9642

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.0990, 13.2622, -7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.6240, 37.1604, -18.9642 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(10, 28, 107)` looks like.

```
.text, #text, p{  
    color:rgb(10, 28, 107)  
}
```

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(10, 28, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 28, 107) }
```

Border

The CSS property to change the border of an element to YUV 31.6240, 37.1604, -18.9642 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(10, 28, 107) }
```


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

```
.border{ border-color:rgb(10, 28, 107) }
```

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

Here you see how a box with a 4 pixel rgb(10, 28, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 28, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 28, 107);  
box-shadow:4px 4px 4px 4px rgb(10, 28,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 31.6240, 37.1604, -18.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 28, 107) }
```

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

```
.background{ background-color: rgb(10, 28,  
107) }
```

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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