

Converting Colors

YUV(31.6010, -4.7333, 24.9059)

Have a look what the booklet for
YUV(31.6010, -4.7333, 24.9059)
contains.

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Color

**YUV(31.6010, -4.7333,
24.9059)**

Conversions

Conversions Part 1

Format	Color
Hex	3C1316
RGB	60, 19, 22
RGB Percent	24%, 7%, 9%
CMY	0.7647, 0.9255, 0.9137
CMYK	0.00, 0.68, 0.63, 0.76
HSL	356°, 52%, 15%
HSV	356°, 68%, 24%
XYZ	2.2412, 1.4843, 0.9274
YIQ	31.6010, 23.4730, 9.6250

Conversions

Conversions Part 2

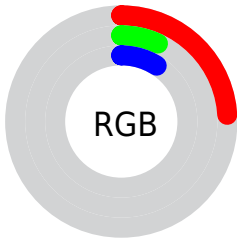
Format	Color
R_{YB}	60, 19, 22
Decimal	3937046
CIE Lab	12.51, 20.50, 8.30
CIE LCh	13, 22.115, 22.044
Yxy	1.4843, 0.4817, 0.3190
Android (android.graphics.Color)	4282127126 (0xFF3C1316)
YUV	31.6010, -4.7333, 24.9059
Hunter-Lab	12.1833, 11.5150, 4.0149

Details

The YUV color **31.6010, -4.7333, 24.9059** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **47.3990, 4.7333, -24.9059**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.1670, -6.4913, 28.7945**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.3950, -5.6177, 28.5946**, and if you desaturate by 10%, it is **35.8070, -3.8489, 21.2173**.

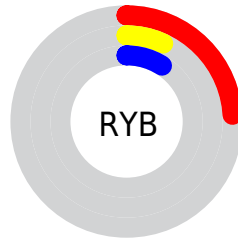
Distribution



 Red (24%)

 Green (7%)

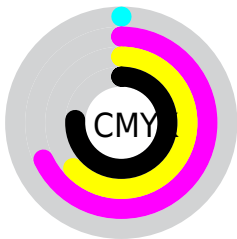
 Blue (9%)



 Red (24%)

 Yellow (7%)

 Blue (9%)

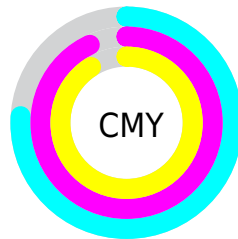


 Cyan (0%)

 Magenta (68%)

 Yellow (63%)

 Black (76%)



 Cyan (76%)

 Magenta (93%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.6010, -4.7333, 24.9059 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 31.6010, -4.7333, 24.9059 by changing the saturation by 10% instead.

■ 31.6010, -4.7333,
24.9059

■ 31.6010, -4.7333,
24.9059

■ 249.9790, -1.4686,
4.4034

■ 11.6610, -5.7489,
23.9763

■ 77.1670, -6.4913,
28.7945

■ 0.0000, 0.0000,
0.0000

■ 102.0640, -6.9336,
30.6389

■ 127.5480, -7.6652,
31.9684

■ 153.7330, -8.2494,
32.6832

■ 180.7440, -8.2548,
34.4275

■ 208.3420, -8.5496,

35.6571

■ 229.6500, -5.7435,
22.2319

■ 31.6010, -4.7333,
24.9059

■ 31.6010, -4.7333,
24.9059

■ 27.3950, -5.6177,
28.5946

■ 35.8070, -3.8489,
21.2173

■ 23.3030, -6.0654,
32.1833

■ 39.8990, -3.4012,
17.6286

■ 19.0970, -6.9498,
35.8719

■ 44.1050, -2.5168,
13.9399

■ 18.3960, -7.0972,
36.4867

■ 48.1970, -2.0691,
10.3512

■ 52.4030, -1.1847,
6.6626

■ 56.4950, -0.7370,
3.0739

■ 60.7010, 0.1474,
-0.6148

■ 64.7930, 0.5951,
-4.2035

■ 68.9990, 1.4795,
-7.8921

Harmonies

Analogous

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



32.7130, 2.1135, 22.1767



31.6010, -4.7333, 24.9059



30.9890, -13.3056, 21.0576

Triad

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



31.6010, -4.7333, 24.9059



26.8490, -7.8136, -13.8996



27.7270, 17.3896, -24.3166

Complementary

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



31.6010, -4.7333, 24.9059



47.3990, 4.7333, -24.9059

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.



29.2770, 13.1744, -25.6759



31.6010, -4.7333, 24.9059



26.6720, 0.6547, -23.3913

Square

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



31.6010, -4.7333, 24.9059



29.8140, -14.6983, 1.0401



28.4960, 7.6435, -24.9910



32.0390, 14.2778, -6.1732

Rectangle

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



31.6010, -4.7333, 24.9059



31.0870, -15.3259, 15.7097



28.4960, 7.6435, -24.9910



28.6730, 15.9372, -25.1462

Sweetspot

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



31.6010, -4.7333, 24.9059



67.3110, -1.6323, 10.2513



35.0360, 12.3073, 19.2624



33.9900, -1.4741, 6.1478



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.



31.6010, -4.7333, 24.9059



34.0050, -7.3975, 39.4606



41.2380, -10.9633, 16.4543



28.8970, -0.4422, 1.8443



28.9040, -10.7987, 57.0892



68.2020, -25.7356, 134.8808

Inverse Universe

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



31.6010, -4.7333, 24.9059



34.0050, -7.3975, 39.4606



37.7620, 10.9633, -16.4543



28.8970, -0.4422, 1.8443



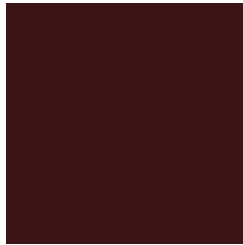
28.9040, -10.7987, 57.0892



68.2020, -25.7356, 134.8808

Previews

White Background



This preview shows how the YUV color 31.6010, -4.7333, 24.9059 looks on a white background.

Color Contrast Check

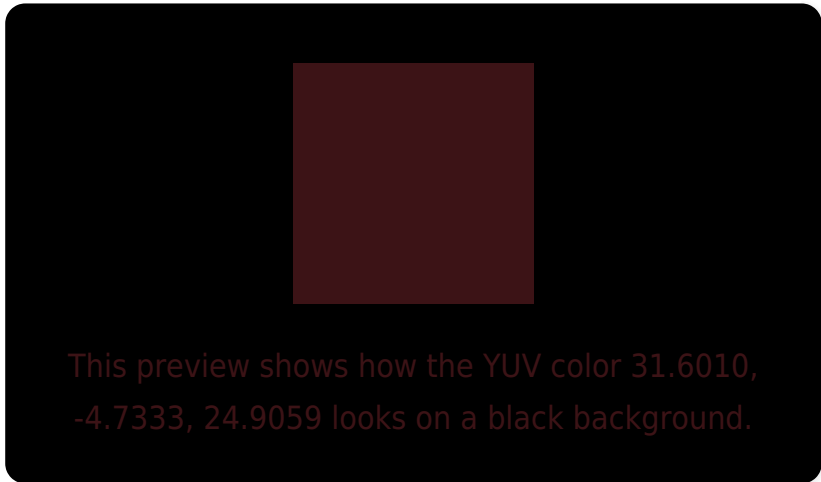
Large Text (above 18pt) WCAG AA ✓ Pass

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

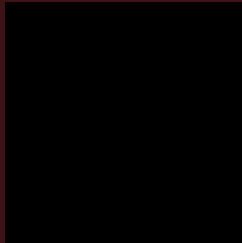
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.6010, -4.7333, 24.9059

Background



This preview shows how black text looks on a background with the YUV color 31.6010, -4.7333, 24.9059.



This preview shows how white text looks on a background with the YUV color 31.6010, -4.7333,

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

31.6010, -4.7333, 24.9059

Protanopia

33.9140, -2.9156, 1.8294

Deuteranopia

33.3230, -6.5682, 6.7327



Tritanopia

31.3730, -5.6069, 25.1059

Trichromacy



Original Color

31.6010, -4.7333, 24.9059

Protanomaly

33.4420, -3.6689, 10.1364

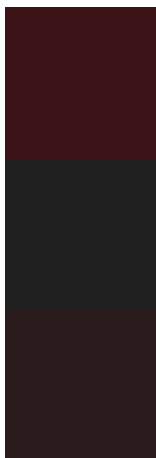
Deuteranomaly

32.5950, -5.7163, 13.5102

Tritanomaly

31.4870, -5.1701, 25.0059

Monochromacy



Original Color

31.6010, -4.7333, 24.9059

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.5990, -1.7743, 9.1217

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.6010, -4.7333, 24.9059 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(60, 19, 22)` looks like.

```
.text, #text, p{  
    color:rgb(60, 19, 22)  
}
```

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(60, 19, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 19, 22) }
```

Border

The CSS property to change the border of an element to YUV 31.6010, -4.7333, 24.9059 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(60, 19, 22) }
```


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

```
.border{ border-color:rgb(60, 19, 22) }
```

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

Here you see how a box with a 4 pixel rgb(60, 19, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 19, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 19, 22);  
box-shadow:4px 4px 4px 4px rgb(60, 19, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.6010, -4.7333, 24.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 19, 22) }
```

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

```
.background{ background-color: rgb(60, 19,  
22) }
```

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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