

Converting Colors

YUV(31.5110, 55.4571, -7.4641)

Have a look what the booklet for
YUV(31.5110, 55.4571, -7.4641)
contains.

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Color

**YUV(31.5110, 55.4571,
-7.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	170E90
RGB	23, 14, 144
RGB Percent	9%, 5%, 56%
CMY	0.9098, 0.9451, 0.4353
CMYK	0.84, 0.90, 0.00, 0.44
HSL	244°, 82%, 31%
HSV	244°, 90%, 56%
XYZ	5.5444, 2.5099, 26.5778
YIQ	31.5110, -36.3660, 42.3380

Conversions

Conversions Part 2

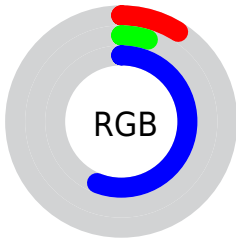
Format	Color
R_{YB}	23, 14, 144
Decimal	1511056
CIE _{Lab}	17.96, 47.52, -66.44
CIE _{LCh}	18, 81.682, 305.576
Yxy	2.5099, 0.1601, 0.0725
Android (android.graphics.Color)	4279701136 (0xFF170E90)
YUV	31.5110, 55.4571, -7.4641
Hunter-Lab	15.8425, 34.7455, -88.3766

Details

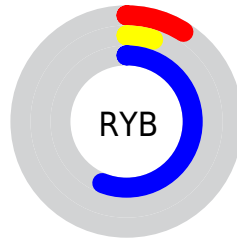
The YUV color **31.5110, 55.4571, -7.4641** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **126.4890, -55.4571, 7.4641**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.7730, 54.8349, 5.4611**, and **10.4880, 40.1854, -9.1980** is the 20% darker color. If you saturate the color by 10%, you get **19.4060, 61.4248, -8.2491**, and if you desaturate by 10%, it is **43.6160, 49.4893, -6.6792**.

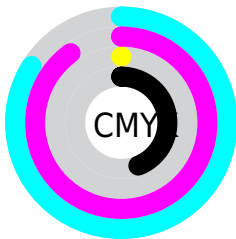
Distribution



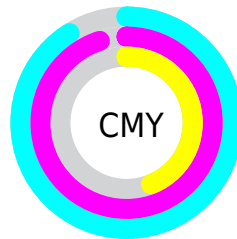
- Red (9%)
- Green (5%)
- Blue (56%)



- Red (9%)
- Yellow (5%)
- Blue (56%)



- Cyan (84%)
- Magenta (90%)
- Yellow (0%)
- Black (44%)



- Cyan (91%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5110, 55.4571, -7.4641 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 31.5110, 55.4571, -7.4641 by changing the saturation by 10% instead.

■ 31.5110, 55.4571,
-7.4641

■ 31.5110, 55.4571,
-7.4641

■ 252.6520, 1.1576,
2.0592

■ 13.4520, 51.5422,
-11.7974

■ 87.7730, 54.8349,
5.4611

■ 10.4880, 40.1854,
-9.1980

■ 114.7240, 55.8451,
8.1351

■ 11.7470, 27.2397,
-10.3021

■ 141.1480, 56.1290,
10.3942

■ 6.7770, 18.3509,
-5.9434

■ 165.0810, 44.3301,
14.8380

■ 3.0950, 9.3202,
-2.7143


■ 189.9000, 32.0943,
19.3817


■ 0.0000, 0.0000,
0.0000


■ 215.3060, 19.5691,


23.4106


 235.6290, 9.5499,
16.9884


 31.5110, 55.4571,
-7.4641


 31.5110, 55.4571,
-7.4641


 19.4060, 61.4248,
-8.2491

 43.6160, 49.4893,
-6.6792

 56.6070, 43.0847,
-5.7943

 68.7120, 37.1170,
-5.0094

 81.7030, 30.7124,
-4.1245

 93.8080, 24.7447,
-3.3396

■ 105.9130, 18.7769,
-2.5547

■ 118.9040, 12.3723,
-1.6698

■ 131.0090, 6.4046,
-0.8849

■ 144.0000, 0.0000,
0.0000

Harmonies

Analogous

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



50.2630, 58.0443, -44.0807



31.5110, 55.4571, -7.4641



45.4000, 23.9598, 61.9162

Triad

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



31.5110, 55.4571, -7.4641



34.8400, -17.1761, 49.2523



42.5500, 5.6449, -37.3163

Complementary

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



31.5110, 55.4571, -7.4641



126.4890, -55.4571, 7.4641

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.



35.8070, -17.6529, -31.4027



31.5110, 55.4571, -7.4641



40.7560, -20.0927, 4.5990

Square

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



31.5110, 55.4571, -7.4641



36.7770, -18.1311, 75.6176



32.8720, -16.2059, -28.8287



50.5640, 31.2739, -44.3446

Rectangle

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



31.5110, 55.4571, -7.4641



46.1510, 4.8556, 76.1666



32.8720, -16.2059, -28.8287



40.1560, -3.5279, -35.2168

Sweetspot

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



31.5110, 55.4571, -7.4641



142.5970, 21.3977, -3.1546



99.8470, 21.7674, -75.2878



68.0180, 12.8091, -1.7698



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



31.5110, 55.4571, -7.4641



25.0910, 79.3281, -10.6038



50.9460, 45.8756, 32.4964



65.0970, 2.9102, -0.0851



18.0810, 57.6411, -7.9640



1.2110, 3.3470, -0.1850

Inverse Universe

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



66.6640, 33.6896, 67.8237



75.3360, 48.1484, 97.0523



107.0540, -45.8756, -32.4964



66.8910, 2.0257, 3.6036



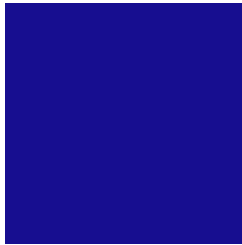
54.7290, 35.1366, 70.3977



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 31.5110, 55.4571, -7.4641 looks on a white background.

Color Contrast Check

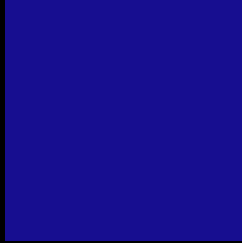
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5110, 55.4571, -7.4641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

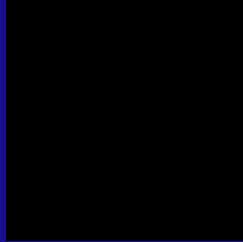
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.5110, 55.4571, -7.4641

Background



This preview shows how black text looks on a background with the YUV color 31.5110, 55.4571, -7.4641.



This preview shows how white text looks on a background with the YUV color 31.5110, 55.4571,

-7.4641.

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

31.5110, 55.4571, -7.4641

Protanopia

36.4300, 27.8890, -31.9491

Deuteranopia

36.4810, 20.4689, -31.9938



Tritanopia

35.9790, 8.3914, -31.5536

Trichromacy



Original Color

31.5110, 55.4571, -7.4641

Protanomaly

34.5310, 38.1922, -23.2677

Deuteranomaly

34.5650, 33.2455, -23.2975

Tritanomaly

34.5020, 25.3885, -23.2423

Monochromacy



Original Color

31.5110, 55.4571, -7.4641

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.6680, 20.3767, -2.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5110, 55.4571, -7.4641 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(23, 14, 144)` looks like.

```
.text, #text, p{  
    color:rgb(23, 14, 144)  
}
```

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(23, 14, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 14, 144) }
```

Border

The CSS property to change the border of an element to YUV 31.5110, 55.4571, -7.4641 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(23, 14, 144) }
```


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

```
.border{ border-color:rgb(23, 14, 144) }
```

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

Here you see how a box with a 4 pixel rgb(23, 14, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 14, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 14, 144);  
box-shadow:4px 4px 4px 4px rgb(23, 14,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 31.5110, 55.4571, -7.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 14, 144) }
```

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

```
.background{ background-color: rgb(23, 14,  
144) }
```

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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