

Converting Colors

YUV(196.5110, 15.0311,
-14.4801)

Have a look what the booklet for
YUV(196.5110, 15.0311, -14.4801)
contains.

YUV(196.5110, 15.0311, -14.4801)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(196.5110, 15.0311,
-14.4801)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C7E3
RGB	180, 199, 227
RGB Percent	71%, 78%, 89%
CMY	0.2941, 0.2196, 0.1098
CMYK	0.21, 0.12, 0.00, 0.11
HSL	216°, 46%, 80%
HSV	216°, 21%, 89%
XYZ	53.1109, 56.0962, 80.7014
YIQ	196.5110, -20.3120, 4.6800

Conversions

Conversions Part 2

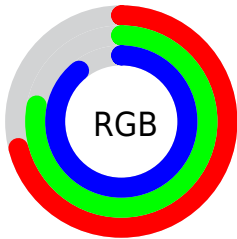
Format	Color
R_{YB}	180, 194, 227
Decimal	11847651
CIE Lab	79.67, -0.53, -16.05
CIE LCh	80, 16.060, 268.095
Yxy	56.0962, 0.2797, 0.2954
Android (android.graphics.Color)	4290037731 (0xFFB4C7E3)
YUV	196.5110, 15.0311, -14.4801
Hunter-Lab	74.8974, -4.4932, -11.4564

Details

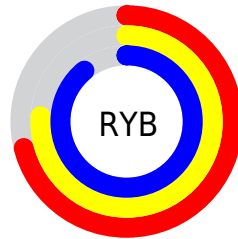
The YUV color $196.5110, 15.0311, -14.4801$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $210.4890, -15.0311, 14.4801$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, 2.8007, -11.6808$, and $142.6960, 14.4469, -13.7654$ is the 20% darker color. If you saturate the color by 10%, you get $181.4160, 22.4729, -21.4128$, and if you desaturate by 10%, it is $211.6060, 7.5892, -7.5475$.

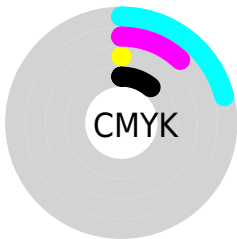
Distribution



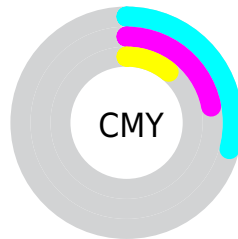
- Red (71%)
- Green (78%)
- Blue (89%)



- Red (71%)
- Yellow (76%)
- Blue (89%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5110, 15.0311, -14.4801 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 196.5110, 15.0311, -14.4801 by changing the saturation by 10% instead.

■ 196.5110, 15.0311,
-14.4801

■ 196.5110, 15.0311,
-14.4801

255.0000, 0.0000,
0.0000

■ 169.3970, 14.5943,
-14.3802

■ 249.3190, 2.8007,
-11.6808

■ 142.6960, 14.4469,
-13.7654

■ 117.1690, 13.7207,
-14.1802

■ 92.0550, 13.2839,
-14.0802

■ 68.0550, 13.2839,
-14.0802

■ 45.5280, 12.5577,
-14.4951

■ 23.1040, 12.2737,

-16.7542

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 196.5110, 15.0311,
-14.4801

■ 196.5110, 15.0311,
-14.4801

■ 181.4160, 22.4729,
-21.4128

■ 211.6060, 7.5892,
-7.5475

■ 167.2070, 29.4779,
-28.2455

■ 225.8150, 0.5842,
-0.7148

■ 152.1120, 36.9198,
-35.1782

■ 240.9100, -6.8576,
6.2179

■ 137.6040, 44.0722,
-42.6257

■ 250.6340,
-11.6516, 3.8290

■ 122.8080, 51.3667,
-48.9436

■ 251.8080,
-12.2303, 2.7994

■ 108.3000, 58.5191,
-56.3911

■ 93.2050, 65.9609,
-63.3238

■ 79.8820, 72.5292,
-70.0565

Harmonies

Analogous

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



193.8040, 13.9006, -25.2611



196.5110, 15.0311, -14.4801



198.9150, 12.3669, 0.0745

Triad

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



196.5110, 15.0311, -14.4801



199.8030, -7.7909, 25.6058



193.3050, -6.0664, -14.2995

Complementary

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



196.5110, 15.0311, -14.4801



210.4890, -15.0311, 14.4801

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.



195.4870, -12.0721, -1.3041



196.5110, 15.0311, -14.4801



198.5160, -12.5794, 21.4725

Square

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



196.5110, 15.0311, -14.4801



200.3280, -0.6547, 23.3913



197.2930, -14.4414, 12.0210



192.3020, 1.8231, -24.8209

Rectangle

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



196.5110, 15.0311, -14.4801



200.0580, 8.8454, 9.5961



197.2930, -14.4414, 12.0210



194.0560, -8.4086, -9.6961

Sweetspot

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



196.5110, 15.0311, -14.4801



245.2320, 4.8156, -4.5885



210.6670, -1.8078, -26.8950



121.7870, 3.0630, -2.4442



0.0000, 0.0000, 0.0000



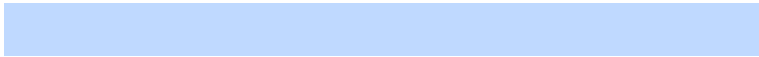
128.0000, 0.0000, 0.0000

Same Dimension

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



196.5110, 15.0311, -14.4801



213.5580, 20.4309, -19.7834



186.5540, 19.9399, -2.2399



107.3030, 3.7946, -3.7737



62.6700, 57.3507, -54.9616



18.1410, 16.1995, -15.9097

Inverse Universe

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



196.2190, 1.3710, 26.9949



213.1000, 1.9227, 36.7463



220.4460, -19.9399, 2.2399



107.1580, 0.4151, 6.8774



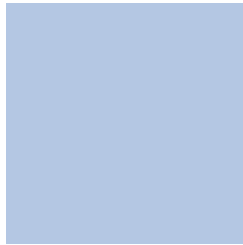
61.7290, 5.0636, 102.8467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 196.5110, 15.0311, -14.4801 looks on a white background.

Color Contrast Check

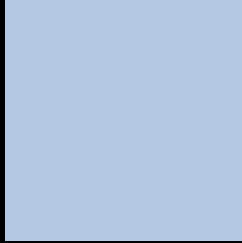
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 196.5110, 15.0311, -14.4801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

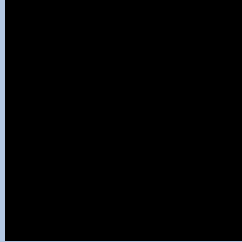
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

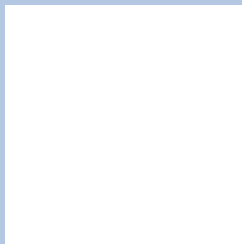
Any Text WCAG AAA ✓ Pass

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

YUV 196.5110, 15.0311, -14.4801 Background



This preview shows how black text looks on a background with the YUV color 196.5110, 15.0311, -14.4801.



This preview shows how white text looks on a background with the YUV color 196.5110, 15.0311, -14.4801.

-14.4801.

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

196.5110, 15.0311, -14.4801

Protanopia

198.1100, 13.2568, -5.3585

Deuteranopia

198.7950, 14.3981, 1.9338



Tritanopia

195.9470, 10.3791, -15.7395

Trichromacy



Original Color

196.5110, 15.0311, -14.4801

Protanomaly

197.6150, 13.9938, -8.4324

Deuteranomaly

198.1640, 14.7091, -4.5288

Tritanomaly

196.1150, 12.2683, -15.0099

Monochromacy



Original Color

196.5110, 15.0311, -14.4801

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.0470, 5.3998, -5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5110, 15.0311, -14.4801 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(180, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(180, 199, 227)  
}
```

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(180, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 199, 227) }
```

Border

The CSS property to change the border of an element to YUV 196.5110, 15.0311, -14.4801 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(180, 199, 227) }
```


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

```
.border{ border-color:rgb(180, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(180, 199,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 196.5110, 15.0311, -14.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 199, 227) }
```

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

```
.background{ background-color: rgb(180,  
199, 227) }
```

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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