

Converting Colors

YUV(110.4110, 29.8704,
-60.8734)

Have a look what the booklet for
YUV(110.4110, 29.8704, -60.8734)
contains.

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Color

**YUV(110.4110, 29.8704,
-60.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	2986AB
RGB	41, 134, 171
RGB Percent	16%, 53%, 67%
CMY	0.8392, 0.4745, 0.3294
CMYK	0.76, 0.22, 0.00, 0.33
HSL	197°, 61%, 42%
HSV	197°, 76%, 67%
XYZ	16.7902, 20.4619, 41.5927
YIQ	110.4110, -67.3050, -8.2090

Conversions

Conversions Part 2

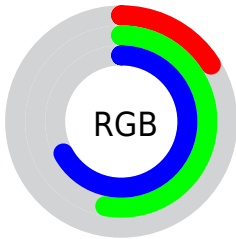
Format	Color
R_{YB}	41, 95, 171
Decimal	2721451
CIE Lab	52.36, -14.09, -27.26
CIE LCh	52, 30.686, 242.675
Yxy	20.4619, 0.2130, 0.2595
Android (android.graphics.Color)	4280911531 (0xFF2986AB)
YUV	110.4110, 29.8704, -60.8734
Hunter-Lab	45.2348, -12.9054, -22.8518




Details

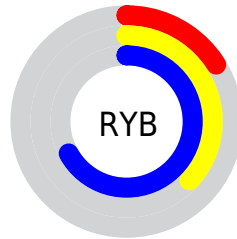
The YUV color **110.4110, 29.8704, -60.8734** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **101.5890, -29.8704, 60.8734**, and the grayscale version is **110.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **167.2270, 28.9751, -53.6961**, and **62.8740, 27.6701, -55.1405** is the 20% darker color. If you saturate the color by 10%, you get **102.3930, 33.8233, -68.7507**, and if you desaturate by 10%, it is **118.4290, 25.9175, -52.9962**.

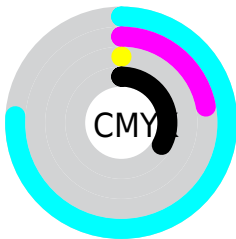
Distribution







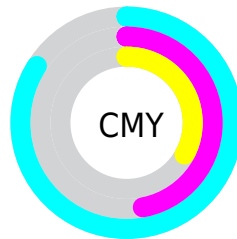
-  Red (16%)
-  Green (53%)
-  Blue (67%)






-  Red (16%)
-  Yellow (37%)
-  Blue (67%)



-  Cyan (76%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (84%)
-  Magenta (47%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.4110, 29.8704, -60.8734 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 110.4110, 29.8704, -60.8734 by changing the saturation by 10% instead.

■ 110.4110, 29.8704,
-60.8734

■ 110.4110, 29.8704,
-60.8734

■ 255.0000, 0.0000,
0.0000

■ 80.3990, 31.3553,
-70.5099

■ 167.2270, 28.9751,
-53.6961

■ 62.8740, 27.6701,
-55.1405

■ 195.6400, 29.2645,
-53.1813

■ 46.5230, 23.4062,
-40.8007

■ 220.7470, 16.8867,
-49.7671

■ 30.8730, 19.2896,
-27.0756

■ 236.4620, 9.1392,
-38.1162

■ 15.9240, 15.3205,
-13.9653

■ 245.4320, 4.7170,
-19.6729

■ 3.5510, 11.0674,
-3.1142

■ 254.4020, 0.2948,

■ 0.0000, 0.0000,

-1.2296

0.0000

■ 110.4110, 29.8704,
-60.8734

■ 110.4110, 29.8704,
-60.8734

■ 102.3930, 33.8233,
-68.7507

■ 118.4290, 25.9175,
-52.9962

■ 94.3750, 37.7761,
-76.6279

■ 126.4470, 21.9646,
-45.1190

■ 91.1080, 39.3868,
-79.9017

■ 134.4650, 18.0118,
-37.2418

■ 141.8960, 14.3483,
-28.8498

■ 149.9140, 10.3954,
-20.9726

■ 158.2310, 6.2951,
-12.4806

■ 166.2490, 2.3422,
-4.6034

■ 174.2670, -1.6106,
3.2738

■ 182.2850, -5.5635,
11.1511

Harmonies

Analogous

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



98.3340, 26.4573, -86.2389



110.4110, 29.8704, -60.8734



121.6370, 27.2940, -27.7456

Triad

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



110.4110, 29.8704, -60.8734



127.5090, -1.7299, 41.6496



120.0920, -19.7654, -7.0967

Complementary

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



110.4110, 29.8704, -60.8734



101.5890, -29.8704, 60.8734

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.



122.8560, -25.0720, 15.0353



110.4110, 29.8704, -60.8734



126.0070, -13.8075, 42.0899

Square

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



110.4110, 29.8704, -60.8734



128.3360, 10.6804, 27.7693



124.9490, -22.6529, 32.4937



115.7390, -7.7593, -31.3431

Rectangle

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



110.4110, 29.8704, -60.8734



125.4440, 23.4451, -6.5284



124.9490, -22.6529, 32.4937



120.7510, -22.5552, 1.0954

Sweetspot

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



110.4110, 29.8704, -60.8734



197.9460, 11.8586, -23.6316



121.5280, -21.4593, -70.6231



97.4480, 7.1741, -14.4249



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



110.4110, 29.8704, -60.8734



127.5560, 46.5609, -94.3266



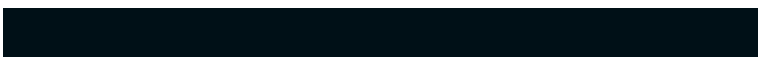
72.2560, 48.6808, -27.4115



82.5480, 2.1948, -3.9886



80.4960, 34.2655, -70.5950



12.0140, 5.4161, -10.5363

Inverse Universe

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



90.4720, 21.4593, 70.6231



96.8140, 33.1227, 109.7881



139.7440, -48.6808, 27.4115



81.3750, 1.2941, 4.9331



57.1620, 25.0631, 81.4189



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 110.4110, 29.8704, -60.8734 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4110, 29.8704, -60.8734 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 × Fail

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

YUV 110.4110, 29.8704, -60.8734 Background



This preview shows how black text looks on a background with the YUV color 110.4110, 29.8704, -60.8734.

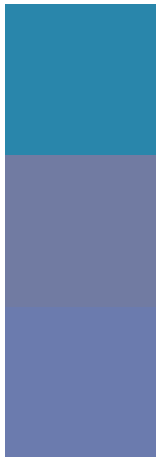


This preview shows how white text looks on a background with the YUV color 110.4110, 29.8704, -60.8734.

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

110.4110, 29.8704, -60.8734

Protanopia

124.4560, 18.5092, -10.0469

Deuteranopia

124.0300, 24.6352, -14.9353



Tritanopia

102.7760, 22.7884, -76.1026

Trichromacy



Original Color

110.4110, 29.8704, -60.8734

Protanomaly

119.3720, 22.4946, -28.3902

Deuteranomaly

119.0880, 26.5786, -31.6492

Tritanomaly

105.7920, 25.2455, -70.8546

Monochromacy



Original Color

110.4110, 29.8704, -60.8734

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.3160, 10.6902, -22.2021

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4110, 29.8704, -60.8734 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(41, 134, 171)` looks like.

```
.text, #text, p{  
    color:rgb(41, 134, 171)  
}
```

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(41, 134, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 134, 171) }
```

Border

The CSS property to change the border of an element to YUV 110.4110, 29.8704, -60.8734 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(41, 134, 171) }
```


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

```
.border{ border-color:rgb(41, 134, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 134, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 134, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 134, 171);  
box-shadow:4px 4px 4px 4px rgb(41, 134,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 110.4110, 29.8704, -60.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 134, 171) }
```

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

```
.background{ background-color: rgb(41, 134,  
171) }
```

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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