

Converting Colors

YUV(144.8620, 29.1550,
-64.7770)

Have a look what the booklet for
YUV(144.8620, 29.1550, -64.7770)
contains.

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Color

**YUV(144.8620, 29.1550,
-64.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	47ABCC
RGB	71, 171, 204
RGB Percent	28%, 67%, 80%
CMY	0.7216, 0.3294, 0.2000
CMYK	0.65, 0.16, 0.00, 0.20
HSL	195°, 57%, 54%
HSV	195°, 65%, 80%
XYZ	28.0605, 34.8250, 62.3697
YIQ	144.8620, -70.1930, -10.9370

Conversions

Conversions Part 2

Format	Color
RYB	71, 128, 204
Decimal	4697036
CIELab	65.61, -18.84, -25.39
CIELCh	66, 31.618, 233.415
Yxy	34.8250, 0.2240, 0.2780
Android (android.graphics.Color)	4282887116 (0xFF47ABCC)
YUV	144.8620, 29.1550, -64.7770
Hunter-Lab	59.0127, -18.3957, -21.3538

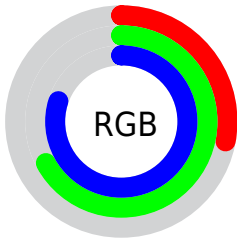
Details

The YUV color **144.8620, 29.1550, -64.7770** is a dark color, and the websafe version is hex **0099CC**, and the color name is **maximum blue**.

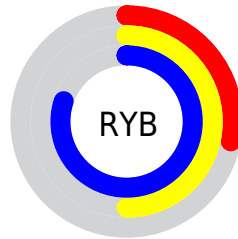
The color can be described as middle muted azure. A complement of this color would be **130.1380, -29.1550, 64.7770**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4990, 26.3760, -60.0736**, and **86.9530, 31.0822, -76.2578** is the 20% darker color. If you saturate the color by 10%, you get **135.9470, 33.5501, -74.4985**, and if you desaturate by 10%, it is **153.7770, 24.7599, -55.0554**.

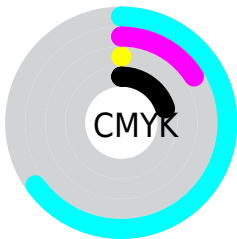
Distribution



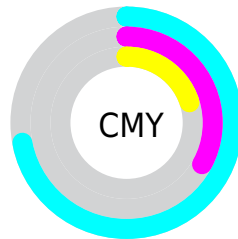
- Red (28%)
- Green (67%)
- Blue (80%)



- Red (28%)
- Yellow (50%)
- Blue (80%)



- Cyan (65%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (72%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.8620, 29.1550, -64.7770 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 144.8620, 29.1550, -64.7770 by changing the saturation by 10% instead.

■ 144.8620, 29.1550,
-64.7770

■ 144.8620, 29.1550,
-64.7770

■ 255.0000, 0.0000,
0.0000

■ 114.1600, 30.4871,
-72.0543

■ 201.4990, 26.3760,
-60.0736

■ 86.9530, 31.0822,
-76.2578

■ 227.1930, 13.7089,
-57.1743

■ 69.3140, 26.9602,
-60.7884

■ 236.1630, 9.2866,
-38.7310

■ 52.3760, 22.9856,
-45.9338

■ 245.1330, 4.8644,
-20.2876

■ 36.1390, 19.1585,
-31.6939

■ 254.1030, 0.4422,
-1.8443

■ 22.3640, 14.6105,
-19.6132

■ 4.7080, 12.9620,

-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 144.8620, 29.1550,
-64.7770

■ 144.8620, 29.1550,
-64.7770

■ 135.9470, 33.5501,
-74.4985

■ 153.7770, 24.7599,
-55.0554

■ 126.7330, 38.0926,
-84.8348

■ 162.9910, 20.2174,
-44.7191

■ 117.8180, 42.4877,
-94.5564

■ 171.9060, 15.8223,
-34.9976

■ 113.0670, 44.8300,
-99.1598

■ 181.1200, 11.2798,
-24.6612

■ 190.0350, 6.8847,
-14.9397

■ 198.9500, 2.4897,
-5.2181

■ 208.1640, -2.0529,
5.1182

■ 217.0790, -6.4479,
14.8397

■ 226.8800,
-11.2798, 24.6612

Harmonies

Analogous

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



141.3100, 19.5672, -69.5549



144.8620, 29.1550, -64.7770



153.9670, 30.0893, -37.6821

Triad

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



144.8620, 29.1550, -64.7770



162.8340, 2.0538, 41.3646



155.1100, -23.7182, 0.7805

Complementary

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



144.8620, 29.1550, -64.7770



130.1380, -29.1550, 64.7770

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.



157.7430, -26.9883, 23.0274



144.8620, 29.1550, -64.7770



161.6100, -11.6397, 46.8230

Square

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



144.8620, 29.1550, -64.7770



163.0410, 14.7698, 22.7660



160.4060, -22.3852, 39.9859



151.4040, -13.0172, -24.9103

Rectangle

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



144.8620, 29.1550, -64.7770



159.0020, 27.1140, -16.6648



160.4060, -22.3852, 39.9859



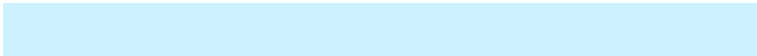
156.5840, -25.9239, 8.2578

Sweetspot

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



144.8620, 29.1550, -64.7770



232.1200, 11.2798, -24.6612



152.6050, -24.9483, -71.5676



114.0350, 6.8847, -14.9397



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.



144.8620, 29.1550, -64.7770



166.7360, 43.5142, -97.1155



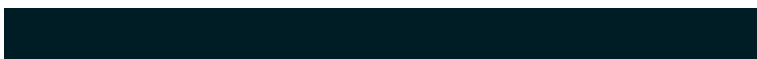
106.7070, 47.9654, -31.3150



97.2490, 2.3422, -4.6034



92.2990, 36.3346, -80.9462



21.3550, 8.2060, -18.7283

Inverse Universe

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



122.1670, 24.0747, 71.7675



132.6010, 36.1857, 107.3439



168.2930, -47.9654, 31.3150



95.7880, 1.5835, 5.4479



63.8840, 30.1302, 89.5557



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 144.8620, 29.1550, -64.7770 looks on a white background.

Color Contrast Check

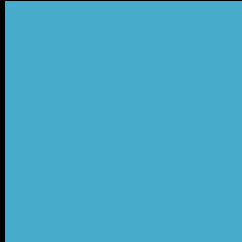
Large Text (above 18pt) WCAG AA × Fail

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 144.8620, 29.1550, -64.7770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

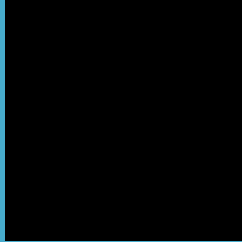
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 144.8620, 29.1550, -64.7770

Background



This preview shows how black text looks on a background with the YUV color 144.8620, 29.1550, -64.7770.



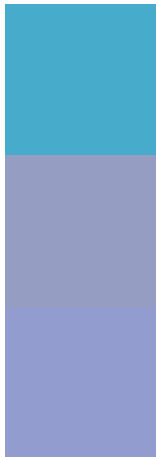
This preview shows how white text looks on a background with the YUV color 144.8620, 29.1550, -64.7770.

-64.7770.

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

144.8620, 29.1550, -64.7770

Protanopia

159.1250, 17.1934, -8.0026

Deuteranopia

159.1230, 23.6034, -10.6319



Tritanopia

142.1080, 22.6248, -70.2547

Trichromacy



Original Color

144.8620, 29.1550, -64.7770

Protanomaly

153.8450, 21.7684, -28.8051

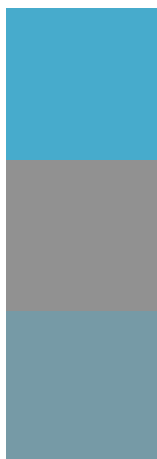
Deuteranomaly

153.5720, 25.8470, -30.3196

Tritanomaly

143.1020, 25.0927, -68.4955

Monochromacy



Original Color

144.8620, 29.1550, -64.7770

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.6040, 10.5482, -23.3317

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.8620, 29.1550, -64.7770 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(71, 171, 204)` looks like.

```
.text, #text, p{  
    color:rgb(71, 171, 204)  
}
```

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(71, 171, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 171, 204) }
```

Border

The CSS property to change the border of an element to YUV 144.8620, 29.1550, -64.7770 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(71, 171, 204) }
```


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

```
.border{ border-color:rgb(71, 171, 204) }
```

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

Here you see how a box with a 4 pixel rgb(71, 171, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 171, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 171, 204);  
box-shadow:4px 4px 4px 4px rgb(71, 171,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 144.8620, 29.1550, -64.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 171, 204) }
```

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

```
.background{ background-color: rgb(71, 171,  
204) }
```

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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