

Converting Colors

YUV(127.2910, 48.6635,
-68.6612)

Have a look what the booklet for
YUV(127.2910, 48.6635, -68.6612)
contains.

YUV(127.2910, 48.6635, -68.6612)	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(127.2910, 48.6635,
-68.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	3194E2
RGB	49, 148, 226
RGB Percent	19%, 58%, 89%
CMY	0.8078, 0.4196, 0.1137
CMYK	0.78, 0.35, 0.00, 0.11
HSL	206°, 75%, 54%
HSV	206°, 78%, 89%
XYZ	25.5840, 27.3238, 75.8771
YIQ	127.2910, -84.0420, 3.2700

Conversions

Conversions Part 2

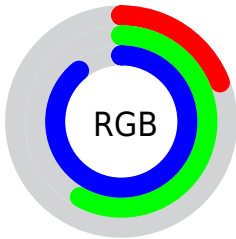
Format	Color
R _Y B	49, 112, 226
Decimal	3249378
CIE Lab	59.27, -1.62, -47.53
CIE LCh	59, 47.562, 268.051
Yxy	27.3238, 0.1987, 0.2122
Android (android.graphics.Color)	4281439458 (0xFF3194E2)
YUV	127.2910, 48.6635, -68.6612
Hunter-Lab	52.2721, -4.1115, -49.4736

Details

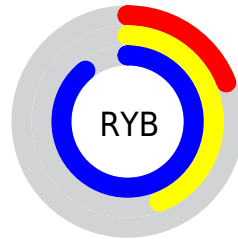
The YUV color **127.2910, 48.6635, -68.6612** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **147.7090, -48.6635, 68.6612**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8230, 35.0903, -55.0958**, and **76.9060, 45.8953, -67.4466** is the 20% darker color. If you saturate the color by 10%, you get **114.5440, 54.9478, -77.6531**, and if you desaturate by 10%, it is **140.0380, 42.3793, -59.6693**.

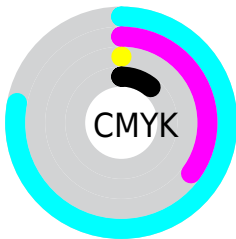
Distribution



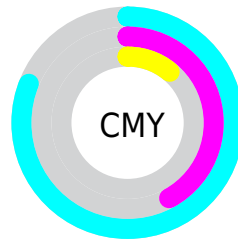
- Red (19%)
- Green (58%)
- Blue (89%)



- Red (19%)
- Yellow (44%)
- Blue (89%)



- Cyan (78%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (81%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.2910, 48.6635, -68.6612 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 127.2910, 48.6635, -68.6612 by changing the saturation by 10% instead.

■ 127.2910, 48.6635,
-68.6612

■ 127.2910, 48.6635,
-68.6612

255.0000, 0.0000,
0.0000

■ 94.1860, 51.1803,
-82.6011

■ 183.8230, 35.0903,
-55.0958

■ 76.9060, 45.8953,
-67.4466

■ 209.5280, 22.4177,
-50.4521

■ 59.7400, 41.0472,
-52.3920

■ 233.4720, 10.6133,
-44.2639

■ 43.8620, 36.0570,
-38.4670

■ 242.4420, 6.1911,
-25.8206

■ 29.2720, 30.9249,
-25.6715

■ 251.7110, 1.6215,
-6.7625

■ 12.4480, 27.3871,
-10.9169

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 127.2910, 48.6635,
-68.6612

■ 127.2910, 48.6635,
-68.6612

■ 114.5440, 54.9478,
-77.6531

■ 140.0380, 42.3793,
-59.6693

■ 102.0960, 61.0847,
-86.0302

■ 152.4860, 36.2424,
-51.2922

■ 99.7260, 62.2531,
-87.4597

■ 165.2330, 29.9581,
-42.3003

■ 177.6810, 23.8213,
-33.9232

■ 190.4280, 17.5370,
-24.9314

■ 203.1750, 11.2527,
-15.9395

■ 215.6230, 5.1159,
-7.5624

■ 228.3700, -1.1684,
1.4295

■ 240.8180, -7.3053,
9.8066

Harmonies

Analogous

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



117.0280, 47.3142, -102.6336



127.2910, 48.6635, -68.6612



144.6690, 35.6592, -4.0947

Triad

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



127.2910, 48.6635, -68.6612



142.1350, -17.8146, 67.4106



126.8050, -14.6939, -47.1870

Complementary

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



127.2910, 48.6635, -68.6612



147.7090, -48.6635, 68.6612

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.



134.6070, -34.3163, -6.6713



127.2910, 48.6635, -68.6612



141.0950, -34.0638, 52.5367

Square

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



127.2910, 48.6635, -68.6612



144.4500, 1.2572, 63.6264



139.0950, -40.9658, 26.2267



111.4130, 13.1074, -97.7092

Rectangle

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



127.2910, 48.6635, -68.6612



147.2230, 25.5261, 26.1144



139.0950, -40.9658, 26.2267



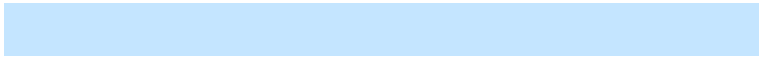
130.5420, -22.4522, -32.0473

Sweetspot

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



127.2910, 48.6635, -68.6612



222.0970, 16.2212, -22.8871



161.6770, -17.5888, -98.8177



107.8440, 9.9369, -13.8952



0.0000, 0.0000, 0.0000



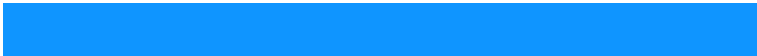
128.0000, 0.0000, 0.0000

Same Dimension

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



127.2910, 48.6635, -68.6612



121.0180, 66.0531, -92.9778



76.2220, 73.8406, -23.8737



105.7760, 3.0684, -4.1886



77.5900, 48.5161, -68.0464



21.3210, 13.1527, -18.6985

Inverse Universe

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



113.2090, 17.1520, 98.9177



102.0360, 23.1533, 134.1494



198.7780, -73.8406, 23.8737



104.9730, 0.9993, 6.1627



63.7960, 16.8626, 98.4029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 127.2910, 48.6635, -68.6612 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 127.2910, 48.6635, -68.6612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

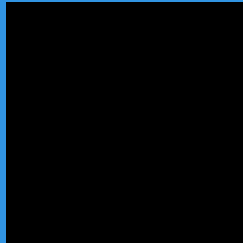
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

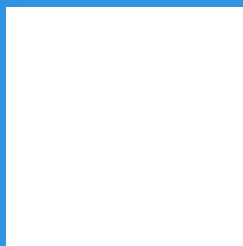
Any Text WCAG AAA × Fail

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

YUV 127.2910, 48.6635, -68.6612 Background



This preview shows how black text looks on a background with the YUV color 127.2910, 48.6635, -68.6612.

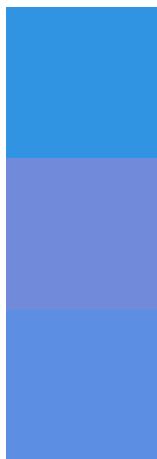


This preview shows how white text looks on a background with the YUV color 127.2910, 48.6635, -68.6612.

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

127.2910, 48.6635, -68.6612

Protanopia

140.2320, 38.3396, -23.8825

Deuteranopia

136.7400, 44.4982, -39.2370



Tritanopia

112.1260, 28.5319, -98.3345

Trichromacy



Original Color

127.2910, 48.6635, -68.6612

Protanomaly

135.4580, 42.1722, -39.8667

Deuteranomaly

133.1300, 46.2779, -50.1030

Tritanomaly

117.4400, 35.7721, -87.2089

Monochromacy



Original Color

127.2910, 48.6635, -68.6612

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.4280, 17.5370, -24.9314

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.2910, 48.6635, -68.6612 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(49, 148, 226)` looks like.

```
.text, #text, p{  
    color:rgb(49, 148, 226)  
}
```

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(49, 148, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 148, 226) }
```

Border

The CSS property to change the border of an element to YUV 127.2910, 48.6635, -68.6612 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(49, 148, 226) }
```


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

```
.border{ border-color:rgb(49, 148, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 148, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 148, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 148, 226);  
box-shadow:4px 4px 4px 4px rgb(49, 148,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 127.2910, 48.6635, -68.6612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 148, 226) }
```

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

```
.background{ background-color: rgb(49, 148,  
226) }
```

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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