

Converting Colors

YUV(149.8290, 6.0003,
-11.2510)

Have a look what the booklet for
YUV(149.8290, 6.0003, -11.2510)
contains.

YUV(149.8290, 6.0003, -11.2510)	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(149.8290, 6.0003,
-11.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	899AA2
RGB	137, 154, 162
RGB Percent	54%, 60%, 64%
CMY	0.4627, 0.3961, 0.3647
CMYK	0.15, 0.05, 0.00, 0.36
HSL	199°, 12%, 59%
HSV	199°, 15%, 64%
XYZ	28.3937, 31.0382, 38.6769
YIQ	149.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

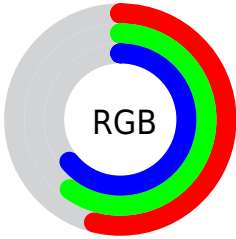
Format	Color
RYB	137, 147, 162
Decimal	9018018
CIELab	62.54, -4.29, -6.23
CIElCh	63, 7.563, 235.450
Yxy	31.0382, 0.2894, 0.3164
Android (android.graphics.Color)	4287208098 (0xFF899AA2)
YUV	149.8290, 6.0003, -11.2510
Hunter-Lab	55.7119, -6.5230, -2.1625

Details

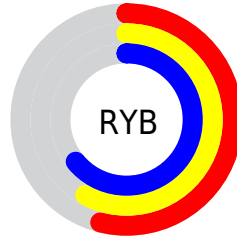
The YUV color $149.8290, 6.0003, -11.2510$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $149.1710, -6.0003, 11.2510$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $203.9430, 6.4371, -11.3510$, and $99.0140, 5.4161, -10.5363$ is the 20% darker color. If you saturate the color by 10%, you get $142.1100, 9.8058, -18.5135$, and if you desaturate by 10%, it is $157.5480, 2.1948, -3.9886$.

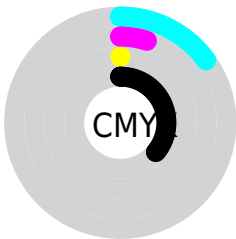
Distribution



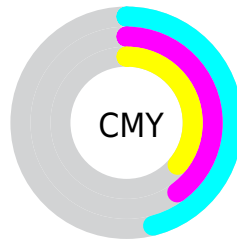
- Red (54%)
- Green (60%)
- Blue (64%)



- Red (54%)
- Yellow (58%)
- Blue (64%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (46%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8290, 6.0003, -11.2510 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 149.8290, 6.0003, -11.2510 by changing the saturation by 10% instead.

■ 149.8290, 6.0003,
-11.2510

■ 149.8290, 6.0003,
-11.2510

■ 255.0000, 0.0000,
0.0000

■ 123.8290, 6.0003,
-11.2510

■ 203.9430, 6.4371,
-11.3510

■ 99.0140, 5.4161,
-10.5363

■ 232.2310, 6.2951,
-12.4806

■ 75.0140, 5.4161,
-10.5363

■ 252.6080, 1.1793,
-4.9182

■ 52.3130, 5.2687,
-9.9215

■ 31.1990, 4.8319,
-9.8215

■ 10.0250, 5.4107,
-8.7919

■ 0.0000, 0.0000,

0.0000

■ 149.8290, 6.0003,
-11.2510

■ 149.8290, 6.0003,
-11.2510

■ 142.1100, 9.8058,
-18.5135

■ 157.5480, 2.1948,
-3.9886

■ 134.3910, 13.6112,
-25.7759

■ 165.2670, -1.6106,
3.2738

■ 125.7860, 17.8535,
-33.1383

■ 173.8720, -5.8529,
10.6363

■ 118.0670, 21.6590,
-40.4008

■ 181.5910, -9.6584,
17.8987

■ 110.3480, 25.4644,
-47.6632

■ 189.3100,
-13.4638, 25.1611

■ 102.6290, 29.2699,
-54.9256

■ 197.0290,
-17.2693, 32.4236

■ 94.9100, 33.0754,
-62.1881

■ 204.7480,
-21.0748, 39.6860

■ 86.8920, 37.0282,
-70.0653

■ 209.1780,
-23.2588, 40.1859

■ 83.0380, 38.9283,
-72.8243

■ 212.7000,
-24.9951, 37.0971

Harmonies

Analogous

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



149.2480, 3.8217, -12.4955



149.8290, 6.0003, -11.2510



150.6770, 6.5682, -6.7327

Triad

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



149.8290, 6.0003, -11.2510



152.6530, -0.3219, 9.9513



150.8060, -5.8204, 0.1701

Complementary

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



149.8290, 6.0003, -11.2510



149.1710, -6.0003, 11.2510

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.



151.0240, -6.4208, 6.1180



149.8290, 6.0003, -11.2510



152.5670, -3.2375, 11.7807

Square

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



149.8290, 6.0003, -11.2510



152.5430, 3.1833, 5.6628



151.8720, -5.8529, 10.6363



149.4570, -3.1833, -5.6628

Rectangle

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



149.8290, 6.0003, -11.2510



151.8840, 5.9732, -2.5293



151.8720, -5.8529, 10.6363



150.7030, -6.2626, 2.0145

Sweetspot

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



149.8290, 6.0003, -11.2510



206.3630, 2.7790, -4.7034



152.5870, -3.7404, -13.6698



104.0320, 1.4632, -2.6591



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



149.8290, 6.0003, -11.2510



192.1100, 9.8058, -18.5135



142.7850, 9.4730, -5.0734



77.5480, 2.1948, -3.9886



74.6430, 34.6860, -65.4619



9.0960, 4.3897, -7.9772

Inverse Universe

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



146.4130, 3.7404, 13.6698



186.4510, 6.1867, 22.4065



156.2150, -9.4730, 5.0734



76.3750, 1.2941, 4.9331



54.6410, 21.8690, 79.2448



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 149.8290, 6.0003, -11.2510 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 149.8290, 6.0003, -11.2510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

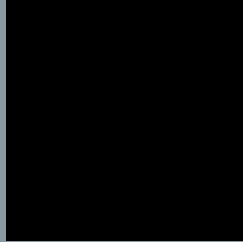
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

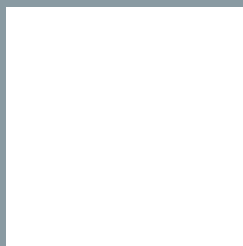
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.8290, 6.0003, -11.2510

Background



This preview shows how black text looks on a background with the YUV color 149.8290, 6.0003, -11.2510.



This preview shows how white text looks on a background with the YUV color 149.8290, 6.0003,

-11.2510.

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

149.8290, 6.0003, -11.2510

Protanopia

151.4390, 4.2206, -0.3850

Deuteranopia

152.7110, 5.0725, 6.3925



Tritanopia

149.9970, 7.8895, -10.5214

Trichromacy



Original Color

149.8290, 6.0003, -11.2510

Protanomaly

150.6450, 5.1050, -4.0737

Deuteranomaly

152.0800, 5.3836, -0.0702

Tritanomaly

149.8830, 7.4527, -10.4214

Monochromacy



Original Color

149.8290, 6.0003, -11.2510

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.5480, 2.1948, -3.9886

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8290, 6.0003, -11.2510 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(137, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(137, 154, 162)  
}
```

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(137, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 154, 162) }
```

Border

The CSS property to change the border of an element to YUV 149.8290, 6.0003, -11.2510 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(137, 154, 162) }
```


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

```
.border{ border-color:rgb(137, 154, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 154, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(137, 154,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 149.8290, 6.0003, -11.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 154, 162) }
```

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

```
.background{ background-color: rgb(137,  
154, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor