

Converting Colors

YUV(142.1210, 6.3493,
-29.9241)

Have a look what the booklet for
YUV(142.1210, 6.3493, -29.9241)
contains.

YUV(142.1210, 6.3493, -29.9241)	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(142.1210, 6.3493,
-29.9241)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9D9B
RGB	108, 157, 155
RGB Percent	42%, 62%, 61%
CMY	0.5765, 0.3843, 0.3922
CMYK	0.31, 0.00, 0.01, 0.38
HSL	178°, 20%, 52%
HSV	178°, 31%, 62%
XYZ	24.1577, 29.6686, 35.4637
YIQ	142.1210, -28.5620, -11.0100

Conversions

Conversions Part 2

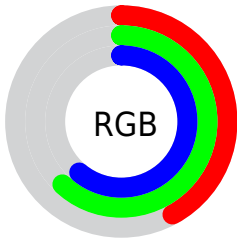
Format	Color
RYB	108, 133, 157
Decimal	7118235
CIELab	61.37, -16.76, -4.21
CIELCh	61, 17.281, 194.115
Yxy	29.6686, 0.2706, 0.3323
Android (android.graphics.Color)	4285308315 (0xFF6C9D9B)
YUV	142.1210, 6.3493, -29.9241
Hunter-Lab	54.4689, -16.1535, -0.4744

Details

The YUV color **142.1210, 6.3493, -29.9241** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **122.8790, -6.3493, 29.9241**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.4090, 6.2074, -31.0537**, and **91.1210, 6.3493, -29.9241** is the 20% darker color. If you saturate the color by 10%, you get **137.2230, 8.2711, -39.6606**, and if you desaturate by 10%, it is **147.0190, 4.4276, -20.1877**.

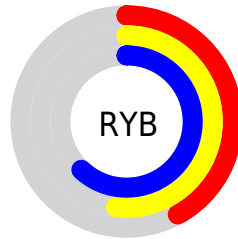
Distribution



Red (42%)

Green (62%)

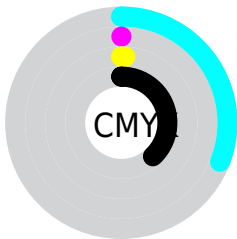
Blue (61%)



Red (42%)

Yellow (52%)

Blue (62%)

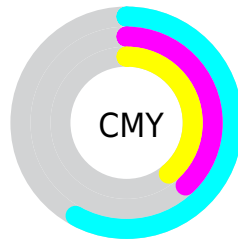


Cyan (31%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (58%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1210, 6.3493, -29.9241 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 142.1210, 6.3493, -29.9241 by changing the saturation by 10% instead.

■ 142.1210, 6.3493,
-29.9241

■ 142.1210, 6.3493,
-29.9241

■ 255.0000, 0.0000,
0.0000

■ 116.1210, 6.3493,
-29.9241

■ 196.4090, 6.2074,
-31.0537

■ 91.1210, 6.3493,
-29.9241

■ 224.5230, 6.6442,
-31.1537

■ 66.2350, 6.7861,
-30.0241

■ 243.6380, 5.6015,
-23.3615

■ 41.1420, 7.8180,
-34.3275

■ 252.3090, 1.3267,
-5.5330

■ 25.2360, 5.3067,
-22.1320

■ 7.4660, 3.2213,
-6.5477

■ 0.0000, 0.0000,

0.0000

■ 142.1210, 6.3493,
-29.9241

■ 142.1210, 6.3493,
-29.9241

■ 137.2230, 8.2711,
-39.6606

■ 147.0190, 4.4276,
-20.1877

■ 132.7380, 10.4822,
-48.8822

■ 151.5040, 2.2165,
-10.9660

■ 127.8400, 12.4039,
-58.6187

■ 156.4020, 0.2948,
-1.2296

■ 122.9420, 14.3256,
-68.3551

■ 161.3000, -1.6269,
8.5069

■ 118.1580, 16.6841,
-78.1916

■ 166.0840, -3.9854,
18.3433

■ 113.5590, 18.4584,
-87.3132

■ 170.6830, -5.7597,
27.4650

■ 109.3730, 20.5221,
-95.9201

■ 175.4670, -8.1182,
37.3014

■ 180.3650,
-10.0399, 47.0379

■ 184.9640,
-11.8143, 56.1596

Harmonies

Analogous

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



142.9990, -1.9715, -21.0471



142.1210, 6.3493, -29.9241



142.5430, 13.0433, -30.2942

Triad

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



142.1210, 6.3493, -29.9241



150.5740, 9.5770, 8.2666



148.3260, -14.4577, 17.2541

Complementary

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



142.1210, 6.3493, -29.9241



122.8790, -6.3493, 29.9241

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.



149.6950, -10.6956, 23.9465



142.1210, 6.3493, -29.9241



150.9300, 2.9925, 20.2324

Square

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



142.1210, 6.3493, -29.9241



148.4410, 14.5726, -7.4028



150.9000, -4.8807, 25.5207



146.4770, -13.5462, 4.8437

Rectangle

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



142.1210, 6.3493, -29.9241



144.1460, 15.2110, -25.5610



150.9000, -4.8807, 25.5207



149.1630, -13.8844, 20.0280

Sweetspot

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



142.1210, 6.3493, -29.9241



198.5040, 2.2165, -10.9660



137.3610, -14.4750, -23.9956



98.7110, 1.6215, -6.7625



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



142.1210, 6.3493, -29.9241



181.2330, 9.7451, -45.8083



129.4350, 13.5895, -18.7985



76.6080, 1.1793, -4.9182



99.5590, 18.4584, -87.3132



10.5150, 2.2111, -9.2217

Inverse Universe

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



122.8790, -6.3493, 29.9241



151.7670, -9.7451, 45.8083



135.5650, -13.5895, 18.7985



73.3920, -1.1793, 4.9182



43.4410, -18.4584, 87.3132



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 142.1210, 6.3493, -29.9241 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 142.1210, 6.3493, -29.9241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

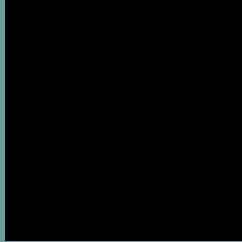
Any Text WCAG AA ✓ Pass

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 142.1210, 6.3493, -29.9241 Background



This preview shows how black text looks on a background with the YUV color 142.1210, 6.3493, -29.9241.

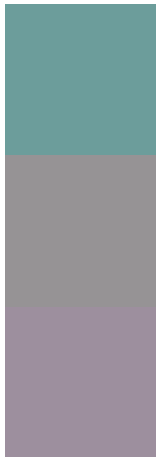


This preview shows how white text looks on a background with the YUV color 142.1210, 6.3493,

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

142.1210, 6.3493, -29.9241

Protanopia

148.1250, 0.4314, 1.6444

Deuteranopia

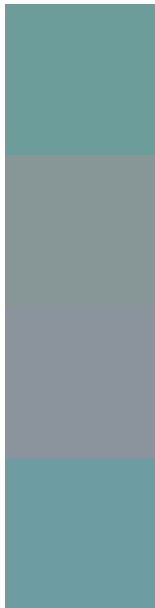
148.8960, 4.4883, 7.1072



Tritanopia

143.3260, 12.1643, -28.3499

Trichromacy



Original Color

142.1210, 6.3493, -29.9241

Protanomaly

146.2160, 2.3585, -9.8364

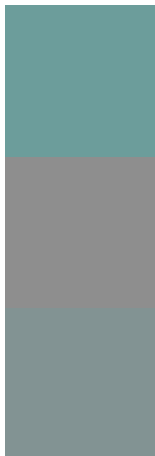
Deuteranomaly

146.3350, 5.2578, -6.4328

Tritanomaly

143.0440, 9.8383, -28.9796

Monochromacy



Original Color

142.1210, 6.3493, -29.9241

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1210, 6.3493, -29.9241 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(108, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(108, 157, 155)  
}
```

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(108, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 157, 155) }
```

Border

The CSS property to change the border of an element to YUV 142.1210, 6.3493, -29.9241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

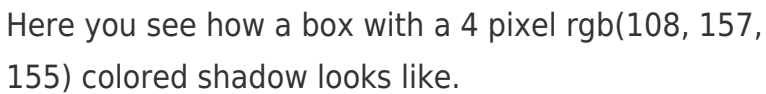
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 157, 155) }
```


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

```
.border{ border-color:rgb(108, 157, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 157, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 157, 155); box-shadow:4px 4px 4px 4px rgb(108, 157, 155) }
```

Background

The CSS property to change the background color of an element to YUV 142.1210, 6.3493, -29.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 157, 155) }
```

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

```
.background{ background-color: rgb(108,  
157, 155) }
```

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