

Converting Colors

YUV(143.1160, 24.0998,
-29.9197)

Have a look what the booklet for
YUV(143.1160, 24.0998, -29.9197)
contains.

YUV(143.1160, 24.0998, -29.9197)	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(143.1160, 24.0998,
-29.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	6D97C0
RGB	109, 151, 192
RGB Percent	43%, 59%, 75%
CMY	0.5725, 0.4078, 0.2471
CMYK	0.43, 0.21, 0.00, 0.25
HSL	210°, 40%, 59%
HSV	210°, 43%, 75%
XYZ	26.8877, 29.1902, 54.0863
YIQ	143.1160, -38.1930, 3.8470

Conversions

Conversions Part 2

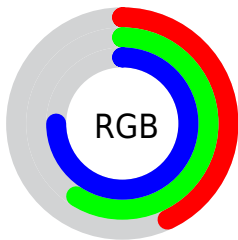
Format	Color
R _Y B	109, 137, 192
Decimal	7182272
CIE Lab	60.95, -3.45, -25.72
CIE LCh	61, 25.954, 262.362
Yxy	29.1902, 0.2441, 0.2650
Android (android.graphics.Color)	4285372352 (0xFF6D97C0)
YUV	143.1160, 24.0998, -29.9197
Hunter-Lab	54.0280, -5.7161, -21.5345

Details

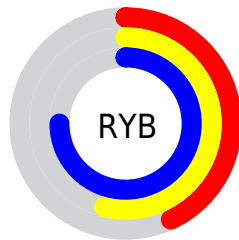
The YUV color **143.1160, 24.0998, -29.9197** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **157.8840, -24.0998, 29.9197**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7570, 25.2628, -29.6049**, and **90.8770, 23.2316, -31.4641** is the 20% darker color. If you saturate the color by 10%, you get **132.1520, 29.5051, -36.9673**, and if you desaturate by 10%, it is **154.0800, 18.6946, -22.8722**.

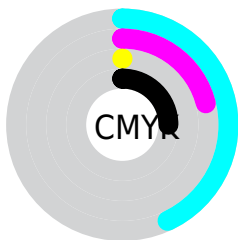
Distribution



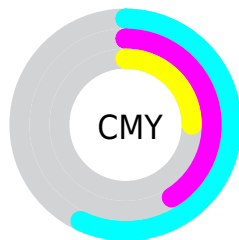
- Red (43%)
- Green (59%)
- Blue (75%)



- Red (43%)
- Yellow (54%)
- Blue (75%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (57%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.1160, 24.0998, -29.9197 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 143.1160, 24.0998, -29.9197 by changing the saturation by 10% instead.

■ 143.1160, 24.0998,
-29.9197

■ 143.1160, 24.0998,
-29.9197

■ 255.0000, 0.0000,
0.0000

■ 116.7030, 23.8104,
-30.4345

■ 197.7570, 25.2628,
-29.6049

■ 90.8770, 23.2316,
-31.4641

■ 223.2490, 15.6532,
-27.4054

■ 64.9690, 23.6793,
-35.0528

■ 244.5350, 5.1592,
-21.5172

■ 41.7300, 22.8111,
-36.5972

■ 253.5050, 0.7370,
-3.0739

■ 26.7810, 18.8420,
-23.4869

■ 10.1850, 16.1778,
-8.9322

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 143.1160, 24.0998,
-29.9197

■ 143.1160, 24.0998,
-29.9197

■ 132.1520, 29.5051,
-36.9673

■ 154.0800, 18.6946,
-22.8722

■ 120.6010, 35.1997,
-43.5001

■ 165.6310, 12.9999,
-16.3394

■ 109.3380, 40.7524,
-51.1624

■ 176.8940, 7.4473,
-8.6770

■ 97.7870, 46.4470,
-57.6952

■ 188.4450, 1.7526,
-2.1443

■ 86.8230, 51.8523,
-64.7428

■ 199.4090, -3.6526,
4.9033

■ 78.8270, 55.7943,
-69.1313

■ 210.9600, -9.3473,
11.4361

■ 221.9240,
-14.7525, 18.4837

■ 231.3820,
-19.4153, 20.7130

■ 236.6650,
-22.0198, 16.0798

Harmonies

Analogous

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



137.5390, 22.4123, -48.7077



143.1160, 24.0998, -29.9197



147.9450, 20.2401, -5.2138

Triad

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



143.1160, 24.0998, -29.9197



149.5380, -9.1392, 38.1162



140.6050, -11.1443, -18.9476

Complementary

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



143.1160, 24.0998, -29.9197



157.8840, -24.0998, 29.9197

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.



144.1470, -19.7925, 1.6251



143.1160, 24.0998, -29.9197



148.2140, -17.8535, 33.1383

Square

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



143.1160, 24.0998, -29.9197



150.6650, 1.6442, 32.7428



146.6870, -22.0307, 19.5685



137.1000, 1.4297, -38.6757

Rectangle

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



143.1160, 24.0998, -29.9197



150.0780, 15.2445, 10.4556



146.6870, -22.0307, 19.5685



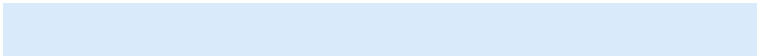
142.1390, -14.3655, -12.3999

Sweetspot

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



143.1160, 24.0998, -29.9197



230.7410, 9.4947, -12.0509



162.2810, -6.5475, -46.7274



113.1500, 5.8421, -7.1475



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



143.1160, 24.0998, -29.9197



173.5620, 37.6839, -46.9739



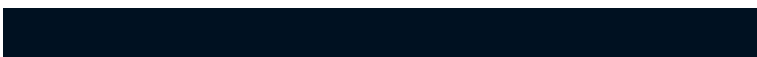
119.0490, 35.9648, -8.8130



91.0750, 2.9210, -3.5738



65.9010, 46.8838, -57.7952



13.7410, 9.4947, -12.0509

Inverse Universe

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



138.6050, 6.1107, 46.8274



166.3940, 9.6658, 73.3225



181.9510, -35.9648, 8.8130



90.5600, 0.7099, 5.6479



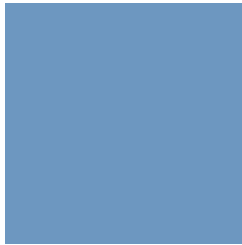
57.3730, 11.6481, 90.8809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 143.1160, 24.0998, -29.9197 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 143.1160, 24.0998, -29.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

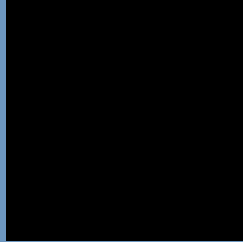
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

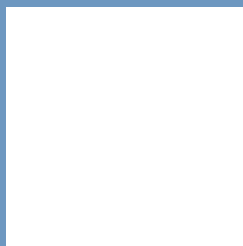
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 143.1160, 24.0998, -29.9197

Background



This preview shows how black text looks on a background with the YUV color 143.1160, 24.0998, -29.9197.

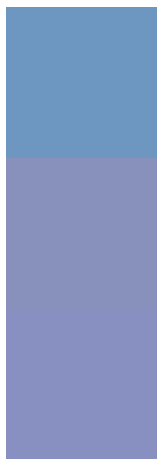


This preview shows how white text looks on a background with the YUV color 143.1160, 24.0998, -29.9197.

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

143.1160, 24.0998, -29.9197

Protanopia

147.2110, 20.1090, -9.8320

Deuteranopia

146.8950, 22.7298, -10.4319



Tritanopia

140.6350, 13.4909, -33.8829

Trichromacy



Original Color

143.1160, 24.0998, -29.9197

Protanomaly

145.5090, 21.4411, -17.1094

Deuteranomaly

145.9650, 23.1883, -17.5093

Tritanomaly

141.9710, 17.2693, -32.4236

Monochromacy



Original Color

143.1160, 24.0998, -29.9197

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.2250, 8.7631, -10.7213

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.1160, 24.0998, -29.9197 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(109, 151, 192)` looks like.

```
.text, #text, p{  
    color:rgb(109, 151, 192)  
}
```

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(109, 151, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 151, 192) }
```

Border

The CSS property to change the border of an element to YUV 143.1160, 24.0998, -29.9197 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(109, 151, 192) }
```


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

```
.border{ border-color:rgb(109, 151, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 151, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 151, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 151, 192);  
box-shadow:4px 4px 4px 4px rgb(109, 151,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 143.1160, 24.0998, -29.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 151, 192) }
```

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

```
.background{ background-color: rgb(109,  
151, 192) }
```

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