

Converting Colors

YUV(148.9640, 28.1187,
-12.2464)

Have a look what the booklet for
YUV(148.9640, 28.1187, -12.2464)
contains.

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Color

**YUV(148.9640, 28.1187,
-12.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	8791CE
RGB	135, 145, 206
RGB Percent	53%, 57%, 81%
CMY	0.4706, 0.4314, 0.1922
CMYK	0.34, 0.30, 0.00, 0.19
HSL	232°, 42%, 67%
HSV	232°, 34%, 81%
XYZ	31.2577, 29.8579, 62.5082
YIQ	148.9640, -25.5410, 16.8510

Conversions

Conversions Part 2

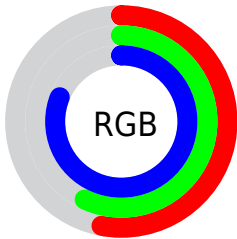
Format	Color
RYB	135, 144, 206
Decimal	8884686
CIELab	61.53, 10.94, -32.55
CIELCh	62, 34.336, 288.575
Yxy	29.8579, 0.2528, 0.2415
Android (android.graphics.Color)	4287074766 (0xFF8791CE)
YUV	148.9640, 28.1187, -12.2464
Hunter-Lab	54.6424, 6.4850, -29.5752

Details

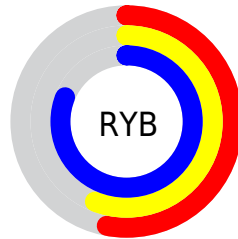
The YUV color $148.9640, 28.1187, -12.2464$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $192.0360, -28.1187, 12.2464$, and the grayscale version is $149.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $202.6930, 25.7874, -11.1318$, and $97.4970, 26.3770, -13.5909$ is the 20% darker color. If you saturate the color by 10%, you get $132.1190, 36.4233, -15.8904$, and if you desaturate by 10%, it is $165.8090, 19.8142, -8.6025$.

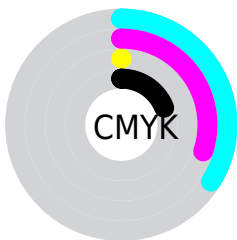
Distribution



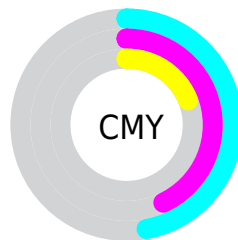
- Red (53%)
- Green (57%)
- Blue (81%)



- Red (53%)
- Yellow (56%)
- Blue (81%)



- Cyan (34%)
- Magenta (30%)
- Yellow (0%)
- Black (19%)



- Cyan (47%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9640, 28.1187, -12.2464 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 148.9640, 28.1187, -12.2464 by changing the saturation by 10% instead.

■ 148.9640, 28.1187,
-12.2464

■ 148.9640, 28.1187,
-12.2464

255.0000, 0.0000,
0.0000

■ 122.4370, 27.3926,
-12.6612

■ 202.6930, 25.7874,
-11.1318

■ 97.4970, 26.3770,
-13.5909

■ 227.5010, 13.5570,
-8.3324

■ 72.6710, 25.7982,
-14.6205

■ 252.6080, 1.1793,
-4.9182

■ 48.8340, 25.2248,
-17.3944

■ 25.1000, 25.0937,
-22.0127

■ 6.6290, 22.8609,
-5.8136

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 148.9640, 28.1187,
-12.2464

■ 148.9640, 28.1187,
-12.2464

■ 132.1190, 36.4233,
-15.8904

■ 165.8090, 19.8142,
-8.6025

■ 116.1600, 44.2911,
-19.4343

■ 181.7680, 11.9464,
-5.0585

■ 99.3150, 52.5957,
-23.0783

■ 198.6130, 3.6418,
-1.4146

■ 82.7690, 60.7529,
-26.1074

■ 215.1590, -4.5154,
1.6146

■ 66.5110, 68.7681,
-30.2661

■ 231.4170,
-12.5306, 5.7733

■ 49.6660, 77.0727,
-33.9101

■ 247.0660,
-20.2455, 6.9581

■ 40.5070, 81.5880,
-35.5246

■ 249.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



139.8130, 33.6162, -48.9480



148.9640, 28.1187, -12.2464



152.5290, 17.9802, 19.7071

Triad

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



148.9640, 28.1187, -12.2464



149.1400, -22.2540, 44.6042



134.1970, 0.8889, -51.9158

Complementary

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



148.9640, 28.1187, -12.2464



192.0360, -28.1187, 12.2464

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.



140.5030, -16.5170, -22.3661



148.9640, 28.1187, -12.2464



147.6080, -28.8937, 27.5308

Square

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



148.9640, 28.1187, -12.2464



151.0880, -9.9034, 49.9118



144.9210, -27.0761, 4.4543



124.5640, 20.9209, -83.8096

Rectangle

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



148.9640, 28.1187, -12.2464



152.6360, 9.0535, 36.2762



144.9210, -27.0761, 4.4543



136.5420, -5.6902, -41.6943

Sweetspot

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



148.9640, 28.1187, -12.2464



234.6110, 10.0518, -4.0438



183.5170, 5.6611, -42.5494



114.9980, 6.4100, -2.6292



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.



148.9640, 28.1187, -12.2464



170.7750, 41.5229, -18.2197



150.5690, 27.3275, 8.2710



93.7270, 4.0786, -1.5146



32.4250, 65.8525, -28.4367



7.2670, 15.1514, -6.3732

Inverse Universe

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



157.3690, -6.0979, 42.6494



183.1050, -8.9258, 63.0519



190.4310, -27.3275, -8.2710



95.1040, -1.0373, 6.0478



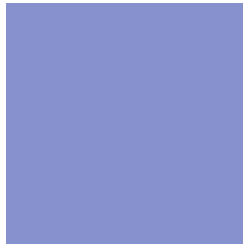
52.2560, -14.4232, 99.7535



11.9320, -3.4175, 22.8616

Previews

White Background



This preview shows how the YUV color 148.9640, 28.1187, -12.2464 looks on a white background.

Color Contrast Check

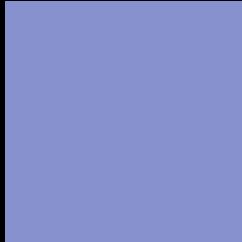
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.9640, 28.1187, -12.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

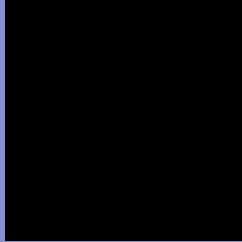
Any Text WCAG AA ✓ Pass

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 148.9640, 28.1187, -12.2464 Background



This preview shows how black text looks on a background with the YUV color 148.9640, 28.1187, -12.2464.



This preview shows how white text looks on a background with the YUV color 148.9640, 28.1187, -12.2464.

-12.2464.

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

148.9640, 28.1187, -12.2464

Protanopia

148.1700, 29.0032, -15.9351

Deuteranopia

148.3440, 28.4244, -16.9647



Tritanopia

146.2950, 9.2216, -17.7987

Trichromacy



Original Color

148.9640, 28.1187, -12.2464

Protanomaly

148.7680, 28.7084, -14.7055

Deuteranomaly

148.3550, 28.4190, -15.2203

Tritanomaly

147.1410, 16.1995, -15.9097

Monochromacy



Original Color

148.9640, 28.1187, -12.2464

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3120, 10.1992, -4.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9640, 28.1187, -12.2464 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(135, 145, 206)` looks like.

```
.text, #text, p{  
    color:rgb(135, 145, 206)  
}
```

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(135, 145, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 145, 206) }
```

Border

The CSS property to change the border of an element to YUV 148.9640, 28.1187, -12.2464 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(135, 145, 206) }
```


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

```
.border{ border-color:rgb(135, 145, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 145, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 145, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 145, 206);  
box-shadow:4px 4px 4px 4px rgb(135, 145,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 148.9640, 28.1187, -12.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 145, 206) }
```

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

```
.background{ background-color: rgb(135,  
145, 206) }
```

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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