

Converting Colors

YUV(132.2860, 29.9320,
12.9042)

Have a look what the booklet for
YUV(132.2860, 29.9320, 12.9042)
contains.

YUV(132.2860, 29.9320, 12.9042)	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(132.2860, 29.9320,
12.9042)**

Conversions

Conversions Part 1

Format	Color
Hex	9371C1
RGB	147, 113, 193
RGB Percent	58%, 44%, 76%
CMY	0.4235, 0.5569, 0.2431
CMYK	0.24, 0.41, 0.00, 0.24
HSL	266°, 39%, 60%
HSV	266°, 41%, 76%
XYZ	27.5634, 21.8636, 53.2194
YIQ	132.2860, -5.4160, 32.0880

Conversions

Conversions Part 2

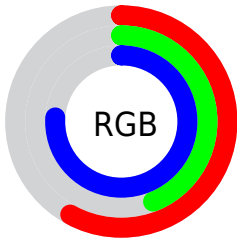
Format	Color
R_{YB}	147, 113, 193
Decimal	9662913
CIE _{Lab}	53.88, 29.74, -37.06
CIE _{LCh}	54, 47.515, 308.748
Yxy	21.8636, 0.2685, 0.2130
Android (android.graphics.Color)	4287852993 (0xFF9371C1)
YUV	132.2860, 29.9320, 12.9042
Hunter-Lab	46.7585, 23.3956, -34.7516

Details

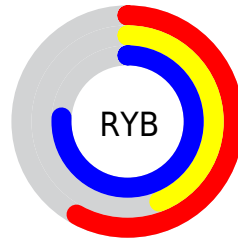
The YUV color **132.2860, 29.9320, 12.9042** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **173.7140, -29.9320, -12.9042**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7530, 31.6738, 14.2486**, and **81.5200, 28.3376, 10.9450** is the 20% darker color. If you saturate the color by 10%, you get **117.8440, 37.0519, 15.9228**, and if you desaturate by 10%, it is **146.7280, 22.8121, 9.8855**.

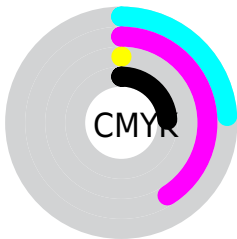
Distribution



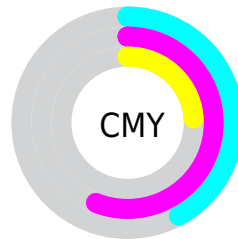
- Red (58%)
- Green (44%)
- Blue (76%)



- Red (58%)
- Yellow (44%)
- Blue (76%)



- Cyan (24%)
- Magenta (41%)
- Yellow (0%)
- Black (24%)



- Cyan (42%)
- Magenta (56%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.2860, 29.9320, 12.9042 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 132.2860, 29.9320, 12.9042 by changing the saturation by 10% instead.

132.2860, 29.9320,
12.9042

132.2860, 29.9320,
12.9042

255.0000, 0.0000,
0.0000

106.4600, 29.3532,
11.8746

185.7530, 31.6738,
14.2486

81.5200, 28.3376,
10.9450

211.4300, 21.4800,
17.1629

57.5800, 27.3221,
10.0153

235.0420, 9.8393,
17.5032

34.3410, 26.4539,
8.4709

251.4780, 1.7363,
3.0888

12.9770, 25.1543,
5.2822

4.7880, 18.3455,
-4.1991

2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 132.2860, 29.9320,
12.9042

■ 132.2860, 29.9320,
12.9042

■ 117.8440, 37.0519,
15.9228

■ 146.7280, 22.8121,
9.8855

■ 102.8150, 44.4612,
19.4562

■ 161.7570, 15.4028,
6.3521

■ 88.3730, 51.5811,
22.4749

■ 176.1990, 8.2829,
3.3335

■ 73.9310, 58.7010,
25.4935

■ 190.6410, 1.1630,
0.3148

■ 58.9020, 66.1103,
29.0269

■ 205.0830, -5.9569,
-2.7038

46.5200, 72.2146,
31.1160

220.4110,
-13.5136, -5.6224

234.8530,
-20.6335, -8.6411

242.2510,
-24.2807, -5.4821

245.5400,
-25.9022, 1.2804

Harmonies

Analogous

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



121.7890, 43.4880, -41.9110



132.2860, 29.9320, 12.9042



131.8640, 13.3780, 49.2313

Triad

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



132.2860, 29.9320, 12.9042



126.2310, -37.0889, 42.7704



103.4230, 18.0325, -90.7020

Complementary

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



132.2860, 29.9320, 12.9042



173.7140, -29.9320, -12.9042

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.



103.4410, -2.6824, -73.1778



132.2860, 29.9320, 12.9042



123.5450, -40.2017, 14.4310

Square

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



132.2860, 29.9320, 12.9042



127.6090, -23.4712, 61.7329



118.4250, -28.3105, -19.6667



106.6950, 35.6464, -93.5715

Rectangle

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



132.2860, 29.9320, 12.9042



129.1510, 1.4046, 63.0116



118.4250, -28.3105, -19.6667



101.8270, 11.9173, -89.3023

Sweetspot

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



132.2860, 29.9320, 12.9042



227.3070, 11.1876, 4.9928



149.7090, 21.3425, -32.1938



111.4440, 6.6831, 3.1186



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.



132.2860, 29.9320, 12.9042



155.0970, 46.7872, 20.0859



143.9470, 24.1831, 36.8805



89.3360, 3.7784, 1.4593



38.6860, 60.3008, 25.7084



7.9480, 12.3506, 5.3076

Inverse Universe

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



142.1640, 8.3001, 44.5832



170.5830, 13.0236, 69.6487



162.0530, -24.1831, -36.8805



90.6740, 1.1467, 5.5479



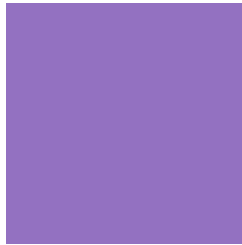
58.6270, 16.4529, 89.7811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 132.2860, 29.9320, 12.9042 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 132.2860, 29.9320, 12.9042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

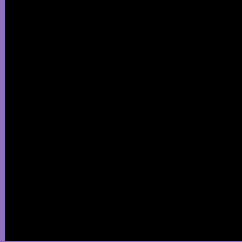
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.2860, 29.9320, 12.9042

Background



This preview shows how black text looks on a background with the YUV color 132.2860, 29.9320, 12.9042.



This preview shows how white text looks on a background with the YUV color 132.2860, 29.9320,

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

132.2860, 29.9320, 12.9042

Protanopia

126.9330, 38.4870, -24.4972

Deuteranopia

127.5930, 30.7667, -21.5681



Tritanopia

130.3150, 2.3097, 5.8627

Trichromacy



Original Color

132.2860, 29.9320, 12.9042

Protanomaly

128.6250, 35.6809, -11.0721

Deuteranomaly

129.5560, 30.2919, -9.2576

Tritanomaly

130.9700, 12.3398, 8.7963

Monochromacy



Original Color

132.2860, 29.9320, 12.9042

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.8940, 10.8983, 4.4780

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.2860, 29.9320, 12.9042 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(147, 113, 193)` looks like.

```
.text, #text, p{  
    color:rgb(147, 113, 193)  
}
```

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(147, 113, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 113, 193) }
```

Border

The CSS property to change the border of an element to YUV 132.2860, 29.9320, 12.9042 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(147, 113, 193) }
```


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

```
.border{ border-color:rgb(147, 113, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 113, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 113, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 113, 193);  
box-shadow:4px 4px 4px 4px rgb(147, 113,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 132.2860, 29.9320, 12.9042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 113, 193) }
```

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

```
.background{ background-color: rgb(147,  
113, 193) }
```

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