

# Converting Colors

YUV(142.6510, 22.8501,  
-2.3249)

Have a look what the booklet for  
YUV(142.6510, 22.8501, -2.3249)  
contains.

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# Color

**YUV(142.6510, 22.8501,  
-2.3249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C87BD
RGB	140, 135, 189
RGB Percent	55%, 53%, 74%
CMY	0.4510, 0.4706, 0.2588
CMYK	0.26, 0.29, 0.00, 0.26
HSL	246°, 29%, 64%
HSV	246°, 29%, 74%
XYZ	28.6645, 26.5775, 51.7633
YIQ	142.6510, -14.3540, 17.8540

# Conversions

## Conversions Part 2

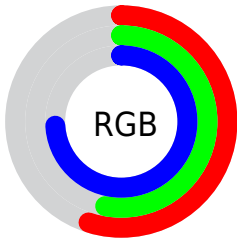
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 135, 189
Decimal	9209789
CIELab	58.58, 13.83, -27.50
CIELCh	59, 30.788, 296.699
Yxy	26.5775, 0.2679, 0.2484
Android (android.graphics.Color)	4287399869 (0xFF8C87BD)
YUV	142.6510, 22.8501, -2.3249
Hunter-Lab	51.5534, 9.0304, -23.4440

# Details

The YUV color  $142.6510, 22.8501, -2.3249$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $181.3490, -22.8501, 2.3249$ , and the grayscale version is  $142.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $196.2920, 24.0130, -2.0101$ , and  $91.5970, 21.3977, -3.1546$  is the 20% darker color. If you saturate the color by 10%, you get  $126.4150, 30.8544, -2.9950$ , and if you desaturate by 10%, it is  $158.8870, 14.8457, -1.6549$ .

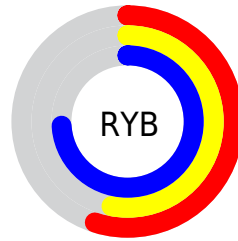
# Distribution



Red (55%)

Green (53%)

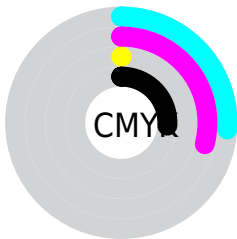
Blue (74%)



Red (55%)

Yellow (53%)

Blue (74%)

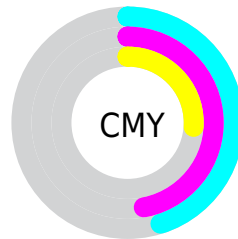


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (47%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.6510, 22.8501, -2.3249 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 142.6510, 22.8501, -2.3249 by changing the saturation by 10% instead.



■ 142.6510, 22.8501,  
-2.3249

■ 142.6510, 22.8501,  
-2.3249

■ 255.0000, 0.0000,  
0.0000

■ 117.1240, 22.1239,  
-2.7397

■ 196.2920, 24.0130,  
-2.0101

■ 91.5970, 21.3977,  
-3.1546

■ 222.5390, 16.0033,  
0.4043

■ 68.0700, 20.6715,  
-3.5694

■ 247.6460, 3.6255,  
3.8185

■ 45.1300, 19.6559,  
-4.4990

■ 22.9940, 19.2300,  
-7.8877

■ 4.5600, 17.4719,  
-3.9991

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,  
0.0000

■ 142.6510, 22.8501,  
-2.3249

■ 142.6510, 22.8501,  
-2.3249

■ 126.4150, 30.8544,  
-2.9950

■ 158.8870, 14.8457,  
-1.6549

■ 110.1790, 38.8588,  
-3.6650

■ 175.1230, 6.8414,  
-0.9849

■ 93.9430, 46.8631,  
-4.3350

■ 191.3590, -1.1630,  
-0.3148

■ 77.4080, 55.0149,  
-5.6198

■ 207.8940, -9.3147,  
0.9700

■ 61.1720, 63.0192,  
-6.2898

■ 224.1300,  
-17.3191, 1.6400

■ 45.5230, 70.7342,  
-7.4747

■ 239.7790,  
-25.0340, 2.8248

■ 29.2870, 78.7385,  
-8.1447

■ 247.4760,  
-28.8287, 6.5985

■ 26.6290, 80.0489,  
-8.4446

# Harmonies

## Analogous

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



135.9460, 28.6206, -33.2786



142.6510, 22.8501, -2.3249



144.8840, 12.8752, 23.7807

# Triad

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



142.6510, 22.8501, -2.3249



141.4980, -21.9375, 36.3973



126.9350, 4.9620, -51.6860

# Complementary

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



142.6510, 22.8501, -2.3249



181.3490, -22.8501, 2.3249

# 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.



132.5610, -11.1226, -25.9250



142.6510, 22.8501, -2.3249



139.3620, -25.8145, 19.8535

# Square

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



142.6510, 22.8501, -2.3249



142.7730, -12.2131, 44.0491



136.8430, -22.1076, -2.4933



121.6410, 20.8830, -71.5992



# Rectangle

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



142.6510, 22.8501, -2.3249



144.1970, 4.8329, 36.6612



136.8430, -22.1076, -2.4933



129.4970, -0.7380, -43.4089

# Sweetspot

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



142.6510, 22.8501, -2.3249



226.1060, 9.3147, -0.9700



170.5060, 9.1175, -31.1388



110.7810, 5.5310, -0.6849



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



142.6510, 22.8501, -2.3249



173.5550, 35.2224, -3.9947



150.4250, 19.0175, 13.6593



86.3250, 3.7838, -0.2850



22.4970, 66.8030, -6.5749



4.4310, 13.0985, -1.2550



# Inverse Universe

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



156.7320, 13.4431, 28.2990



195.3670, 20.5251, 43.5281



173.5750, -19.0175, -13.6593



88.6030, 2.1677, 4.7332



63.5440, 39.1718, 82.8379



12.4610, 7.6607, 16.2587



# Previews

## White Background



This preview shows how the YUV color 142.6510, 22.8501, -2.3249 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

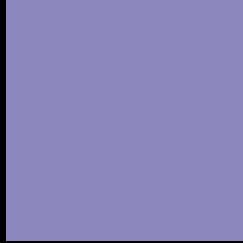
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 142.6510, 22.8501, -2.3249 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 142.6510, 22.8501, -2.3249

## Background



This preview shows how black text looks on a background with the YUV color 142.6510, 22.8501, -2.3249.



This preview shows how white text looks on a background with the YUV color 142.6510, 22.8501, -2.3249.

-2.3249.

# 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

142.6510, 22.8501, -2.3249

### Protanopia

140.8560, 25.2140, -13.9057

### Deuteranopia

141.2970, 23.0246, -11.6615



## Tritanopia

140.5630, 6.1314, -6.6328

# Trichromacy



## Original Color

142.6510, 22.8501, -2.3249

## Protanomaly

141.6500, 24.3295, -10.2171

## Deuteranomaly

141.9060, 22.7243, -8.6876

## Tritanomaly

141.1810, 12.2358, -4.5437

# Monochromacy



## Original Color

142.6510, 22.8501, -2.3249

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

142.8780, 8.4411, -0.7700

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.6510, 22.8501, -2.3249 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(140, 135, 189)` looks like.

```
.text, #text, p{  
    color:rgb(140, 135, 189)  
}
```

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(140, 135, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 135, 189) }
```

## Border

The CSS property to change the border of an element to YUV 142.6510, 22.8501, -2.3249 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(140, 135, 189) }
```



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

```
.border{ border-color:rgb(140, 135, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 135, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 135, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 135, 189);  
box-shadow:4px 4px 4px 4px rgb(140, 135,  
189) }
```

# Background

The CSS property to change the background color of an element to YUV 142.6510, 22.8501, -2.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 135, 189) }
```

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

```
.background{ background-color: rgb(140,  
135, 189) }
```

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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