

Converting Colors

YUV(130.9250, 17.2920, 7.0818)

Have a look what the booklet for
YUV(130.9250, 17.2920, 7.0818)
contains.

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Color

**YUV(130.9250, 17.2920,
7.0818)**

Conversions

Conversions Part 1

Format	Color
Hex	8B78A6
RGB	139, 120, 166
RGB Percent	55%, 47%, 65%
CMY	0.4549, 0.5294, 0.3490
CMYK	0.16, 0.28, 0.00, 0.35
HSL	265°, 21%, 56%
HSV	265°, 28%, 65%
XYZ	24.2469, 21.6751, 38.9822
YIQ	130.9250, -3.4420, 18.3340

Conversions

Conversions Part 2

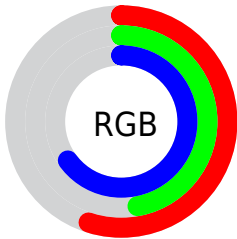
Format	Color
RYB	139, 120, 166
Decimal	9140390
CIELab	53.68, 16.76, -21.88
CIElCh	54, 27.559, 307.461
Yxy	21.6751, 0.2856, 0.2553
Android (android.graphics.Color)	4287330470 (0xFF8B78A6)
YUV	130.9250, 17.2920, 7.0818
Hunter-Lab	46.5565, 11.4898, -17.0545

Details

The YUV color **130.9250, 17.2920, 7.0818** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **155.0750, -17.2920, -7.0818**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8650, 18.3076, 8.0114**, and **80.9850, 16.2764, 6.1522** is the 20% darker color. If you saturate the color by 10%, you get **117.9560, 23.6857, 9.6856**, and if you desaturate by 10%, it is **143.8940, 10.8983, 4.4780**.

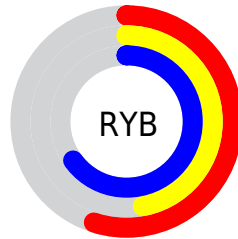
Distribution



Red (55%)

Green (47%)

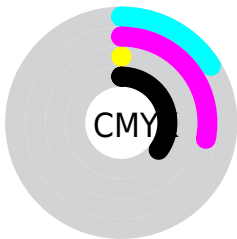
Blue (65%)



Red (55%)

Yellow (47%)

Blue (65%)

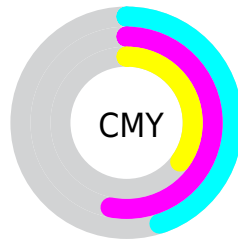


Cyan (16%)

Magenta (28%)

Yellow (0%)

Black (35%)



Cyan (45%)


Magenta (53%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.9250, 17.2920, 7.0818 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 130.9250, 17.2920, 7.0818 by changing the saturation by 10% instead.


 130.9250, 17.2920,
7.0818


 130.9250, 17.2920,
7.0818


255.0000, 0.0000,
0.0000

 105.5120, 17.0026,
6.5670


 183.8650, 18.3076,
8.0114


 80.9850, 16.2764,
6.1522

 211.9790, 18.7444,
7.9114

 58.0450, 15.2608,
5.2225

 237.6560, 8.5506,
10.8257

 36.2190, 14.6820,
4.1929

 12.9420, 14.8186,
7.0669

 3.0950, 9.3202,
-2.7143

 0.0000, 0.0000,

0.0000

130.9250, 17.2920,
7.0818

130.9250, 17.2920,
7.0818

117.9560, 23.6857,
9.6856

143.8940, 10.8983,
4.4780

105.8730, 29.6426,
12.3894

155.9770, 4.9413,
1.7742

92.9040, 36.0363,
14.9932

168.9460, -1.4524,
-0.8296

80.5220, 42.1407,
17.0822

181.3280, -7.5567,
-2.9187

67.5530, 48.5344,
19.6860

194.2970,
-13.9504, -5.5225

54.8830, 54.7807,
22.9046

206.9670,
-20.1967, -8.7411

■ 42.5010, 60.8850,
24.9936

■ 219.3490,
-26.3011, -10.8301

■ 39.5550, 62.3374,
25.8233

■ 232.3180,
-32.6948, -13.4339

■ 236.4820,
-34.7476, -8.3157

Harmonies

Analogous

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



127.0680, 23.6305, -19.3536



130.9250, 17.2920, 7.0818



131.8260, 7.4808, 27.3396

Triad

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



130.9250, 17.2920, 7.0818



128.5570, -21.4736, 27.5755



114.7870, 9.4720, -51.5562

Complementary

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



130.9250, 17.2920, 7.0818



155.0750, -17.2920, -7.0818

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.



119.7220, -5.2859, -31.3282



130.9250, 17.2920, 7.0818



126.5180, -22.4404, 10.9467

Square

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



130.9250, 17.2920, 7.0818



129.5720, -14.0860, 38.0864



123.2920, -16.4130, -9.0261



113.1200, 21.1398, -60.6182

Rectangle

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



130.9250, 17.2920, 7.0818



130.9320, 0.0335, 36.0166



123.2920, -16.4130, -9.0261



116.4520, 4.2142, -45.1234

Sweetspot

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



130.9250, 17.2920, 7.0818



203.4440, 6.6831, 3.1186



141.6800, 11.9898, -19.0134



101.4500, 4.2151, 1.3593



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



130.9250, 17.2920, 7.0818



162.1780, 27.0272, 11.2449



137.5030, 14.0490, 20.6069



77.8090, 3.0522, 1.0445



35.1110, 55.6543, 22.7047



4.6720, 7.5567, 2.9187

Inverse Universe

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



136.8320, 5.0128, 25.5803



171.3160, 7.7322, 40.0649



148.4970, -14.0490, -20.6069



78.9620, 1.0047, 4.4183



54.1700, 16.1852, 82.2889



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 130.9250, 17.2920, 7.0818 looks on a white background.

Color Contrast Check

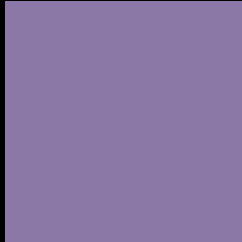
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9250, 17.2920, 7.0818 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 130.9250, 17.2920, 7.0818

Background



This preview shows how black text looks on a background with the YUV color 130.9250, 17.2920, 7.0818.



This preview shows how white text looks on a background with the YUV color 130.9250, 17.2920,

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

130.9250, 17.2920, 7.0818

Protanopia

128.7270, 20.8406, -11.1616

Deuteranopia

129.2500, 17.6247, -6.3582



Tritanopia

129.5320, 3.1887, 3.9184

Trichromacy



Original Color

130.9250, 17.2920, 7.0818

Protanomaly

129.1300, 19.6559, -4.4990

Deuteranomaly

129.8700, 17.3191, -1.6400

Tritanomaly

130.2100, 8.2775, 5.0778

Monochromacy



Original Color

130.9250, 17.2920, 7.0818

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9250, 17.2920, 7.0818 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(139, 120, 166)` looks like.

```
.text, #text, p{  
    color:rgb(139, 120, 166)  
}
```

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(139, 120, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 120, 166) }
```

Border

The CSS property to change the border of an element to YUV 130.9250, 17.2920, 7.0818 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(139, 120, 166) }
```


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

```
.border{ border-color:rgb(139, 120, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 120, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 120, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 120, 166);  
box-shadow:4px 4px 4px 4px rgb(139, 120,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 130.9250, 17.2920, 7.0818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 120, 166) }
```

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

```
.background{ background-color: rgb(139,  
120, 166) }
```

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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