

Converting Colors

YUV(138.5930, 17.4557, 1.2339)

Have a look what the booklet for
YUV(138.5930, 17.4557, 1.2339)
contains.

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Color

**YUV(138.5930, 17.4557,
1.2339)**

Conversions

Conversions Part 1

Format	Color
Hex	8C83AE
RGB	140, 131, 174
RGB Percent	55%, 51%, 68%
CMY	0.4510, 0.4863, 0.3176
CMYK	0.20, 0.25, 0.00, 0.32
HSL	253°, 21%, 60%
HSV	253°, 25%, 68%
XYZ	26.5715, 24.8640, 43.4432
YIQ	138.5930, -8.4390, 15.2810

Conversions

Conversions Part 2

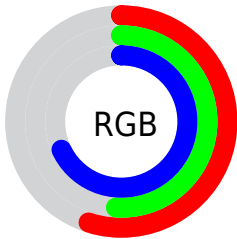
Format	Color
R_{YB}	140, 131, 174
Decimal	9208750
CIE _{Lab}	56.94, 12.53, -21.47
CIE _{LCh}	57, 24.861, 300.259
Yxy	24.8640, 0.2801, 0.2621
Android (android.graphics.Color)	4287398830 (0xFF8C83AE)
YUV	138.5930, 17.4557, 1.2339
Hunter-Lab	49.8639, 7.8575, -16.7509

Details

The YUV color $138.5930, 17.4557, 1.2339$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $166.4070, -17.4557, -1.2339$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.2340, 18.6186, 1.5488$, and $88.5390, 16.0033, 0.4043$ is the 20% darker color. If you saturate the color by 10%, you get $124.4280, 24.4390, 1.3786$, and if you desaturate by 10%, it is $152.7580, 10.4723, 1.0892$.

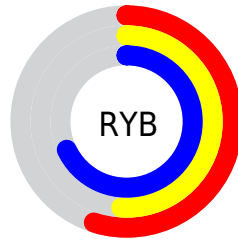
Distribution



Red (55%)

Green (51%)

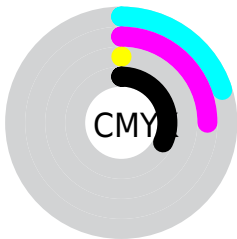
Blue (68%)



Red (55%)

Yellow (51%)

Blue (68%)

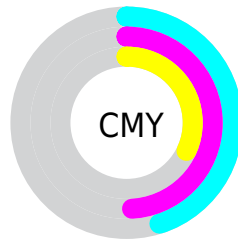


Cyan (20%)

Magenta (25%)

Yellow (0%)

Black (32%)



Cyan (45%)

Magenta (49%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.5930, 17.4557, 1.2339 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 138.5930, 17.4557, 1.2339 by changing the saturation by 10% instead.

■ 138.5930, 17.4557,
1.2339

■ 138.5930, 17.4557,
1.2339

■ 255.0000, 0.0000,
0.0000

■ 113.0660, 16.7295,
0.8191

■ 192.2340, 18.6186,
1.5488

■ 88.5390, 16.0033,
0.4043

■ 219.8920, 17.3082,
1.8487

■ 65.1260, 15.7139,
-0.1105

■ 244.9990, 4.9305,
5.2629

■ 42.5990, 14.9877,
-0.5253

■ 21.6590, 13.9721,
-1.4549

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 138.5930, 17.4557,
1.2339

■ 138.5930, 17.4557,
1.2339

■ 124.4280, 24.4390,
1.3786

■ 152.7580, 10.4723,
1.0892

■ 109.6760, 31.7117,
2.0381

■ 167.5100, 3.1996,
0.4297

■ 95.8100, 38.5477,
2.7976

■ 181.3760, -3.6364,
-0.3298

■ 81.0580, 45.8204,
3.4571

■ 196.1280,
-10.9091, -0.9893

■ 66.8930, 52.8038,
3.6018

■ 210.2930,
-17.8924, -1.1340

■ 52.7280, 59.7871,
3.7465

■ 224.4580,
-24.8758, -1.2787

■ 38.2750, 66.9124,
5.0208

■ 238.9110,
-32.0011, -2.5529

■ 30.6000, 70.6962,
4.7358

■ 244.2710,
-34.6436, 5.0243

■ 245.7660,
-35.3806, 8.0982

Harmonies

Analogous

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



134.7040, 22.3309, -22.5424



138.5930, 17.4557, 1.2339



139.8360, 8.9549, 21.1918

Triad

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



138.5930, 17.4557, 1.2339



137.3660, -18.4214, 28.6200



126.8870, 4.4927, -41.1199

Complementary

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



138.5930, 17.4557, 1.2339



166.4070, -17.4557, -1.2339

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.



130.4950, -7.6390, -23.2361



138.5930, 17.4557, 1.2339



135.2950, -20.8514, 14.6503

Square

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



138.5930, 17.4557, 1.2339



138.3590, -11.0230, 35.6422



133.2110, -16.8660, -3.6930



125.2200, 16.1605, -50.1819

Rectangle

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



138.5930, 17.4557, 1.2339



139.8820, 2.5232, 30.7985



133.2110, -16.8660, -3.6930



127.5950, 0.6927, -35.6018

Sweetspot

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



138.5930, 17.4557, 1.2339



213.7210, 6.5465, 0.2447



155.8600, 8.9430, -21.8022



107.3250, 3.7838, -0.2850



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



138.5930, 17.4557, 1.2339



170.9380, 27.6386, 1.8084



144.8720, 14.3601, 14.1443



79.6240, 3.6364, 0.3298



26.3690, 60.9501, 4.0614



4.1170, 9.3093, 0.7744

Inverse Universe

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



147.7330, 8.5126, 23.0362



185.4880, 13.5634, 36.4060



160.1280, -14.3601, -14.1443



81.4890, 1.7309, 4.8331



58.4160, 29.8679, 80.3192



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 138.5930, 17.4557, 1.2339 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 138.5930, 17.4557, 1.2339 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 138.5930, 17.4557, 1.2339

Background



This preview shows how black text looks on a background with the YUV color 138.5930, 17.4557, 1.2339.



This preview shows how white text looks on a background with the YUV color 138.5930, 17.4557, 1.2339.

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

138.5930, 17.4557, 1.2339

Protanopia

137.0970, 19.6722, -9.7321

Deuteranopia

137.5490, 17.4773, -5.7435



Tritanopia

136.9550, 4.9522, -1.7145

Trichromacy



Original Color

138.5930, 17.4557, 1.2339

Protanomaly

137.8910, 18.7877, -6.0434

Deuteranomaly

137.8590, 17.3245, -3.3843

Tritanomaly

137.5190, 9.6041, -0.4552

Monochromacy



Original Color

138.5930, 17.4557, 1.2339

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5930, 17.4557, 1.2339 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, 131, 174)` looks like.

```
.text, #text, p{  
    color:rgb(140, 131, 174)  
}
```

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, 131, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 131, 174) }
```

Border

The CSS property to change the border of an element to YUV 138.5930, 17.4557, 1.2339 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, 131, 174) }
```


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

```
.border{ border-color:rgb(140, 131, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 131, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 131, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 131, 174);  
box-shadow:4px 4px 4px 4px rgb(140, 131,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 138.5930, 17.4557, 1.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 131, 174) }
```

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

```
.background{ background-color: rgb(140,  
131, 174) }
```

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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