

Converting Colors

YUV(178.2200, -87.8625,
-5.4549)

Have a look what the booklet for
YUV(178.2200, -87.8625, -5.4549)
contains.

YUV(178.2200, -87.8625, -5.4549)	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>	30

Color

**YUV(178.2200, -87.8625,
-5.4549)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD800
RGB	172, 216, 0
RGB Percent	67%, 85%, 0%
CMY	0.3255, 0.1529, 1.0000
CMYK	0.20, 0.00, 1.00, 0.15
HSL	72°, 100%, 42%
HSV	72°, 100%, 85%
XYZ	41.5691, 57.8824, 8.9815
YIQ	178.2200, 43.1120, -76.5040

Conversions

Conversions Part 2

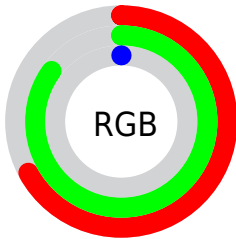
Format	Color
RYB	0, 216, 44
Decimal	11327488
CIELab	80.67, -37.16, 79.62
CIElCh	81, 87.864, 115.023
Yxy	57.8824, 0.3834, 0.5338
Android (android.graphics.Color)	4289517568 (0xFFACD800)
YUV	178.2200, -87.8625, -5.4549
Hunter-Lab	76.0805, -35.6114, 46.2570

Details

The YUV color **178.2200, -87.8625, -5.4549** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **37.7800, 87.8625, 5.4549**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8570, -70.4285, 2.7564**, and **128.5930, -63.3963, -12.7981** is the 20% darker color. If you saturate the color by 10%, you get **178.2200, -87.8625, -5.4549**, and if you desaturate by 10%, it is **181.9240, -78.8425, -5.1953**.

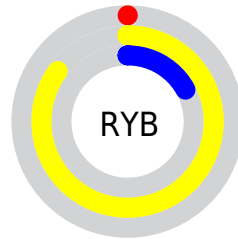
Distribution



Red (67%)

Green (85%)

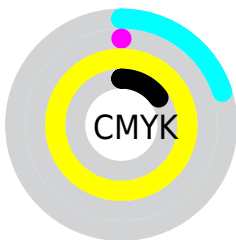
Blue (0%)



Red (0%)

Yellow (85%)

Blue (17%)

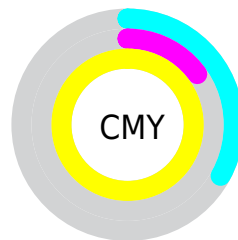


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (33%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2200, -87.8625, -5.4549 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 178.2200, -87.8625, -5.4549 by changing the saturation by 10% instead.

■ 178.2200,
-87.8625, -5.4549

■ 178.2200,
-87.8625, -5.4549

■ 255.0000, 0.0000,
0.0000

■ 153.1130,
-75.4847, -8.8691

■ 228.8570,
-70.4285, 2.7564

■ 128.5930,
-63.3963, -12.7981

■ 239.1540,
-60.7149, 13.8969

■ 104.6600,
-51.5974, -17.2418

■ 242.4600,
-48.0478, 10.9976

■ 80.7270, -39.7984,
-21.6856

■ 245.7660,
-35.3806, 8.0982

■ 56.1850, -27.6992,
-29.1032

■ 249.1860,
-22.2767, 5.0989

■ 35.8070, -17.6529,
-31.4027

■ 252.4920, -9.6096,

■ 22.8930, -11.2862,

2.1995

-20.0772

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 178.2200,
-87.8625, -5.4549

■ 181.9240,
-78.8425, -5.1953

■ 185.8130,
-70.4068, -4.2210

■ 189.5170,
-61.3869, -3.9614

■ 193.4060,
-52.9512, -2.9871

■ 197.1100,
-43.9312, -2.7275

■ 200.8140,
-34.9113, -2.4679

■ 204.7030,
-26.4756, -1.4935

■ 208.4070,
-17.4557, -1.2339

■ 212.2960, -9.0199,
-0.2596

Harmonies

Analogous

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



187.4540, -92.4148, 54.8528



178.2200, -87.8625, -5.4549



155.2660, -27.7391, -109.8583

Triad

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



178.2200, -87.8625, -5.4549



164.6670, 44.5342, -144.4130



168.6020, 24.3532, 75.7710

Complementary

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



178.2200, -87.8625, -5.4549



37.7800, 87.8625, 5.4549

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.



190.4300, 31.8330, 56.6279



178.2200, -87.8625, -5.4549



154.6880, 49.4538, -135.6614

Square

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



178.2200, -87.8625, -5.4549



168.7760, 42.5084, -148.0166



187.9080, 33.0764, -15.7053



163.9500, -13.7793, 79.8509

Rectangle

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



178.2200, -87.8625, -5.4549



155.6150, -0.3032, -136.4744



187.9080, 33.0764, -15.7053



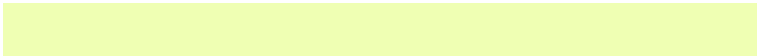
175.7890, 34.1210, 69.4680

Sweetspot

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



178.2200, -87.8625, -5.4549



241.5520, -30.8381, -2.2381



89.8250, -44.2837, 110.6555



119.7660, -18.6186, -1.5488



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.



178.2200, -87.8625, -5.4549



210.3820, -103.7183, -6.4740



146.2270, -72.0899, -71.2361



105.1480, -4.5100, -0.1298



141.0410, -69.5332, -4.4210



35.7060, -17.6031, -0.6192

Inverse Universe

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



37.7800, 87.8625, 5.4549



44.6180, 103.7183, 6.4740



69.7730, 72.0899, 71.2361



98.1510, 4.3626, 0.7446



29.9590, 69.5332, 4.4210



7.5930, 17.4557, 1.2339

Previews

White Background



This preview shows how the YUV color 178.2200, -87.8625, -5.4549 looks on a white background.

Color Contrast Check

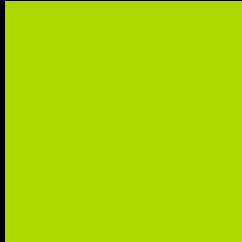
Large Text (above 18pt) WCAG AA × Fail

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 178.2200, -87.8625, -5.4549 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 ✓ Pass

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

YUV 178.2200, -87.8625, -5.4549 Background



This preview shows how black text looks on a background with the YUV color 178.2200, -87.8625, -5.4549.



This preview shows how white text looks on a background with the YUV color 178.2200, -87.8625, -5.4549.

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



Protanopia

184.6750, -91.0448, 35.3650

Deuteranopia

190.7370, -74.8063, 53.7277

Tritanopia

199.5350, 8.6102, -8.3622

Trichromacy



Protanomaly

182.5160, -89.9804, 20.5955

Deuteranomaly

186.3400, -79.5406, 32.1508

Tritanomaly

191.3710, -26.3119, -7.3414

Monochromacy



Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.2100, -32.1485, -1.9382

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2200, -87.8625, -5.4549 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(172, 216, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 216, 0)  
}
```

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(172, 216, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 216, 0) }
```

Border

The CSS property to change the border of an element to YUV 178.2200, -87.8625, -5.4549 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(172, 216, 0) }
```

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

```
.border{ border-color:rgb(172, 216, 0) }
```

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

Here you see how a box with a 4 pixel rgb(172, 216, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 216, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 216, 0);  
box-shadow:4px 4px 4px 4px rgb(172, 216,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 178.2200, -87.8625, -5.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 216, 0) }
```

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

```
.background{ background-color: rgb(172,  
216, 0) }
```

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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