

Converting Colors

YUV(172.7450, -84.1773,
-20.8244)

Have a look what the booklet for
YUV(172.7450, -84.1773, -20.8244)
contains.

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Color

**YUV(172.7450, -84.1773,
-20.8244)**

Conversions

Conversions Part 1

Format	Color
Hex	95DA02
RGB	149, 218, 2
RGB Percent	58%, 85%, 1%
CMY	0.4157, 0.1451, 0.9922
CMYK	0.32, 0.00, 0.99, 0.15
HSL	79°, 98%, 43%
HSV	79°, 99%, 85%
XYZ	37.4768, 56.5368, 8.9949
YIQ	172.7450, 28.2120, -81.8040

Conversions

Conversions Part 2

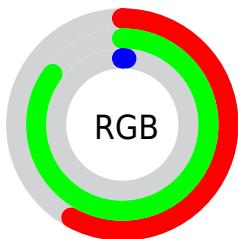
Format	Color
R_YB	2, 218, 71
Decimal	9820674
CIE Lab	79.92, -46.80, 78.27
CIE LCh	80, 91.194, 120.874
Yxy	56.5368, 0.3638, 0.5489
Android (android.graphics.Color)	4288010754 (0xFF95DA02)
YUV	172.7450, -84.1773, -20.8244
Hunter-Lab	75.1909, -42.6158, 45.5409

Details

The YUV color **172.7450, -84.1773, -20.8244** 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 **47.2550, 84.1773, 20.8244**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.7950, -66.4539, -12.0982**, and **122.5910, -60.4374, -28.5823** is the 20% darker color. If you saturate the color by 10%, you get **172.2180, -84.9035, -21.2392**, and if you desaturate by 10%, it is **177.3460, -75.5996, -18.7204**.

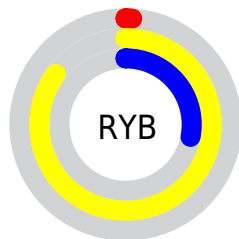
Distribution



Red (58%)

Green (85%)

Blue (1%)



Red (1%)

Yellow (85%)

Blue (28%)

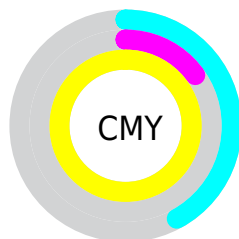


Cyan (32%)

Magenta (0%)

Yellow (99%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7450, -84.1773, -20.8244 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 172.7450, -84.1773, -20.8244 by changing the saturation by 10% instead.

■ 172.7450,
-84.1773, -20.8244

■ 172.7450,
-84.1773, -20.8244

■ 255.0000, 0.0000,
0.0000

■ 147.4100,
-72.6731, -24.0386

■ 221.7950,
-66.4539, -12.0982

■ 122.5910,
-60.4374, -28.5823

■ 234.0710,
-58.2090, 3.4457

■ 97.7720, -48.2016,
-33.1260

■ 242.4600,
-48.0478, 10.9976

■ 71.4470, -35.2234,
-42.4880

■ 245.8800,
-34.9438, 7.9982

■ 49.8950, -24.5982,
-43.7579

■ 249.1860,
-22.2767, 5.0989

■ 35.8070, -17.6529,
-31.4027

■ 252.6060, -9.1728,

■ 23.4800, -11.5756,

2.0995

-20.5920

■ 0.0000, 0.0000,
0.0000

■ 172.7450,
-84.1773, -20.8244

■ 172.7450,
-84.1773, -20.8244

■ 172.2180,
-84.9035, -21.2392

■ 177.3460,
-75.5996, -18.7204

■ 181.9470,
-67.0219, -16.6165

■ 186.4340,
-58.8810, -14.4126

■ 191.0350,
-50.3033, -12.3087

■ 195.6360,
-41.7255, -10.2048

■ 200.2370,
-33.1478, -8.1008

■ 204.8380,
-24.5701, -5.9969

■ 209.3250,
-16.4292, -3.7930

■ 213.9260, -7.8515,
-1.6891

Harmonies

Analogous

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



184.7300, -91.0719, 44.0868



172.7450, -84.1773, -20.8244



148.1370, -18.8015, -129.9161

Triad

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



172.7450, -84.1773, -20.8244



162.9060, 45.4023, -142.8686



159.9790, 19.2374, 83.3334

Complementary

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



172.7450, -84.1773, -20.8244



47.2550, 84.1773, 20.8244

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.



182.7990, 35.5951, 63.3203



172.7450, -84.1773, -20.8244



151.1660, 51.1902, -132.5726

Square

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



172.7450, -84.1773, -20.8244



167.6020, 43.0872, -146.9870



189.8120, 32.1377, 5.4269



161.0830, -22.2259, 82.3652

Rectangle

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



172.7450, -84.1773, -20.8244



157.0970, 5.3752, -137.7741



189.8120, 32.1377, 5.4269



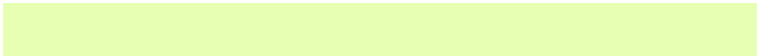
166.2200, 30.4575, 77.8601

Sweetspot

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



172.7450, -84.1773, -20.8244



239.1600, -29.6589, -7.1563



106.5000, -51.5185, 97.7855



118.2710, -17.8816, -4.6227



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.



172.7450, -84.1773, -20.8244



201.7110, -99.4435, -24.3025



140.7520, -68.4047, -86.6055



107.5500, -4.2151, -1.3593



136.8330, -67.4587, -16.5165



36.2710, -17.8816, -4.6227

Inverse Universe

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



47.2550, 84.1773, 20.8244



53.2890, 99.4435, 24.3025



79.2480, 68.4047, 86.6055



101.1510, 4.3626, 0.7446



36.1670, 67.4587, 16.5165



9.7290, 17.8816, 4.6227

Previews

White Background



This preview shows how the YUV color 172.7450, -84.1773, -20.8244 looks on a white background.

Color Contrast Check

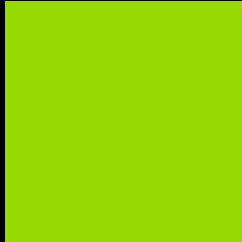
Large Text (above 18pt) WCAG AA × Fail

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 172.7450, -84.1773, -20.8244 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 172.7450, -84.1773, -20.8244 Background



This preview shows how black text looks on a background with the YUV color 172.7450, -84.1773, -20.8244.



This preview shows how white text looks on a background with the YUV color 172.7450, -84.1773, -20.8244.

-20.8244.

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

172.7450, -84.1773, -20.8244

Protanopia

182.9030, -90.1712, 35.1651

Deuteranopia

188.7090, -72.3275, 51.9982



Tritanopia

195.2560, 11.7058, -21.2725

Trichromacy



Original Color

172.7450, -84.1773, -20.8244

Protanomaly

179.0530, -87.7801, 14.8625

Deuteranomaly

182.6920, -76.7562, 25.7031

Tritanomaly

186.7930, -23.0689, -20.8665

Monochromacy



Original Color

172.7450, -84.1773, -20.8244

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6330, -30.3851, -7.5711

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7450, -84.1773, -20.8244 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(149, 218, 2)` looks like.

```
.text, #text, p{  
    color:rgb(149, 218, 2)  
}
```

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(149, 218, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 218, 2) }
```

Border

The CSS property to change the border of an element to YUV 172.7450, -84.1773, -20.8244 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(149, 218, 2) }
```


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

```
.border{ border-color:rgb(149, 218, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 218, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 218, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 218, 2);  
box-shadow:4px 4px 4px 4px rgb(149, 218,  
2) }
```

Background

The CSS property to change the background color of an element to YUV 172.7450, -84.1773, -20.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 218, 2) }
```

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

```
.background{ background-color: rgb(149,  
218, 2) }
```

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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