

Converting Colors

YUV(174.1960, -64.6796,
-21.2199)

Have a look what the booklet for
YUV(174.1960, -64.6796, -21.2199)
contains.

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Color

**YUV(174.1960, -64.6796,
-21.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	96D42B
RGB	150, 212, 43
RGB Percent	59%, 83%, 17%
CMY	0.4118, 0.1686, 0.8314
CMYK	0.29, 0.00, 0.80, 0.17
HSL	82°, 66%, 50%
HSV	82°, 80%, 83%
XYZ	36.5572, 53.7454, 10.7326
YIQ	174.1960, 17.2970, -65.7030

Conversions

Conversions Part 2

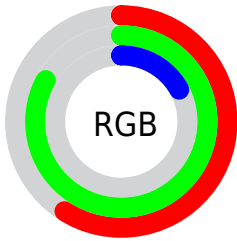
Format	Color
RYB	43, 212, 105
Decimal	9884715
CIELab	78.31, -42.90, 70.22
CIElCh	78, 82.290, 121.423
Yxy	53.7454, 0.3618, 0.5319
Android (android.graphics.Color)	4288074795 (0xFF96D42B)
YUV	174.1960, -64.6796, -21.2199
Hunter-Lab	73.3113, -39.2844, 42.6379

Details

The YUV color **174.1960, -64.6796, -21.2199** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **80.8040, 64.6796, 21.2199**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7330, -59.0284, -13.7978**, and **119.9660, -59.1432, -23.6492** is the 20% darker color. If you saturate the color by 10%, you get **169.4100, -72.6731, -24.0386**, and if you desaturate by 10%, it is **178.9820, -56.6861, -18.4012**.

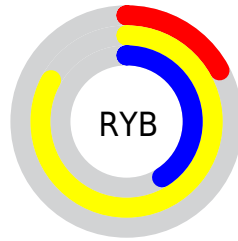
Distribution



Red (59%)

Green (83%)

Blue (17%)



Red (17%)

Yellow (83%)

Blue (41%)

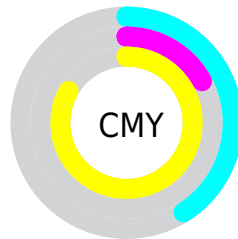


Cyan (29%)

Magenta (0%)

Yellow (80%)

Black (17%)



Cyan (41%)

Magenta (17%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1960, -64.6796, -21.2199 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 174.1960, -64.6796, -21.2199 by changing the saturation by 10% instead.

■ 174.1960,
-64.6796, -21.2199

■ 174.1960,
-64.6796, -21.2199

■ 255.0000, 0.0000,
0.0000

■ 144.1870,
-71.0842, -20.3350

■ 223.7330,
-59.0284, -13.7978

■ 119.9660,
-59.1432, -23.6492

■ 235.8950,
-51.2202, 1.8461

■ 95.7340, -47.1969,
-28.7077

■ 244.1700,
-41.4958, 9.4979

■ 71.2030, -35.1031,
-34.3810

■ 247.4760,
-28.8287, 6.5985

■ 46.9600, -23.1513,
-41.1839

■ 250.7820,
-16.1615, 3.6992

■ 32.8720, -16.2059,
-28.8287

■ 254.2020, -3.0576,

■ 21.1320, -10.4181,

0.6998

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 174.1960,
-64.6796, -21.2199

■ 174.1960,
-64.6796, -21.2199

■ 169.4100,
-72.6731, -24.0386

■ 178.9820,
-56.6861, -18.4012

■ 164.6240,
-80.6666, -26.8572

■ 183.7680,
-48.6926, -15.5825

■ 164.5100,
-81.1034, -26.7573

■ 188.3690,
-40.1149, -13.4786

■ 193.1550,
-32.1214, -10.6599

■ 197.9410,
-24.1279, -7.8413

■ 202.7270,
-16.1344, -5.0226

■ 207.2140, -7.9935,
-2.8187

■ 212.1140, 0.4368,
-0.1000

■ 216.9000, 8.4303,
2.7187

Harmonies

Analogous

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



179.9900, -88.7351, 41.2278



174.1960, -64.6796, -21.2199



144.7120, -14.1550, -126.9124

Triad

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



174.1960, -64.6796, -21.2199



158.2100, 47.7175, -138.7502



165.7520, 13.4333, 78.2705

Complementary

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



174.1960, -64.6796, -21.2199



80.8040, 64.6796, 21.2199

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.



185.1470, 34.4375, 61.2611



174.1960, -64.6796, -21.2199



147.6440, 52.9265, -129.4838

Square

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



174.1960, -64.6796, -21.2199



162.9060, 45.4023, -142.8686



188.6380, 32.7165, 6.4565



165.5340, -22.9413, 78.4617

Rectangle

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



174.1960, -64.6796, -21.2199



152.9880, 7.4009, -134.1705



188.6380, 32.7165, 6.4565



170.4770, 23.9218, 74.1267

Sweetspot

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



174.1960, -64.6796, -21.2199



241.4680, -23.4017, -7.4264



129.9250, -42.8540, 71.9798



119.5960, -14.0978, -4.9077



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.



174.1960, -64.6796, -21.2199



200.1600, -93.7489, -30.8353



149.0800, -52.2974, -72.8612



104.5500, -4.2151, -1.3593



132.6690, -65.4058, -21.6347



33.3140, -16.4238, -5.5374

Inverse Universe

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



80.8040, 64.6796, 21.2199



64.8400, 93.7489, 30.8353



105.9200, 52.2974, 72.8612



98.4500, 4.2152, 1.3594



38.3310, 65.4058, 21.6347



9.6860, 16.4238, 5.5374

Previews

White Background



This preview shows how the YUV color 174.1960, -64.6796, -21.2199 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 174.1960, -64.6796, -21.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

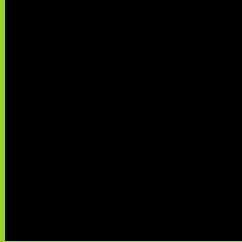
Any Text WCAG AA ✓ Pass

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 174.1960, -64.6796, -21.2199 Background



This preview shows how black text looks on a background with the YUV color 174.1960, -64.6796, -21.2199.



This preview shows how white text looks on a background with the YUV color 174.1960, -64.6796, -21.2199.

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

174.1960, -64.6796, -21.2199

Protanopia

182.5060, -71.2415, 30.2512

Deuteranopia

186.2770, -63.7336, 48.8691



Tritanopia

190.7510, 10.9688, -18.1986

Trichromacy



Original Color

174.1960, -64.6796, -21.2199

Protanomaly

179.6670, -68.8558, 11.6930

Deuteranomaly

182.2970, -64.2364, 23.4185

Tritanomaly

184.5250, -16.5278, -18.8774

Monochromacy



Original Color

174.1960, -64.6796, -21.2199

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0550, -23.6911, -7.9412

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1960, -64.6796, -21.2199 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(150, 212, 43)` looks like.

```
.text, #text, p{  
    color:rgb(150, 212, 43)  
}
```

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(150, 212, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 212, 43) }
```

Border

The CSS property to change the border of an element to YUV 174.1960, -64.6796, -21.2199 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(150, 212, 43) }
```


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

```
.border{ border-color:rgb(150, 212, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 212, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 212, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 212, 43);  
box-shadow:4px 4px 4px 4px rgb(150, 212,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 174.1960, -64.6796, -21.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 212, 43) }
```

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

```
.background{ background-color: rgb(150,  
212, 43) }
```

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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