

Converting Colors

YUV(174.2490, -21.3218,
-21.2664)

Have a look what the booklet for
YUV(174.2490, -21.3218, -21.2664)
contains.

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Color

**YUV(174.2490, -21.3218,
-21.2664)**

Conversions

Conversions Part 1

Format	Color
Hex	96C383
RGB	150, 195, 131
RGB Percent	59%, 76%, 51%
CMY	0.4118, 0.2353, 0.4863
CMYK	0.23, 0.00, 0.33, 0.24
HSL	102°, 35%, 64%
HSV	102°, 33%, 76%
XYZ	36.1895, 47.1529, 28.6668
YIQ	174.2490, -6.2760, -29.4440

Conversions

Conversions Part 2

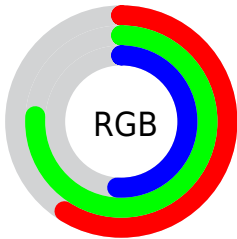
Format	Color
RYB	131, 195, 176
Decimal	9880451
CIELab	74.29, -26.77, 27.48
CIELCh	74, 38.368, 134.250
Yxy	47.1529, 0.3231, 0.4210
Android (android.graphics.Color)	4288070531 (0xFF96C383)
YUV	174.2490, -21.3218, -21.2664
Hunter-Lab	68.6680, -26.0956, 23.3159

Details

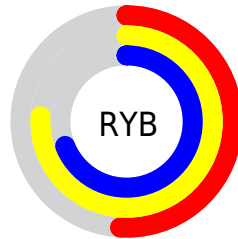
The YUV color **174.2490, -21.3218, -21.2664** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **151.7510, 21.3218, 21.2664**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1950, -22.7741, -22.0960**, and **121.3030, -19.8694, -20.4367** is the 20% darker color. If you saturate the color by 10%, you get **167.7830, -27.9940, -27.8737**, and if you desaturate by 10%, it is **180.7150, -14.6495, -14.6591**.

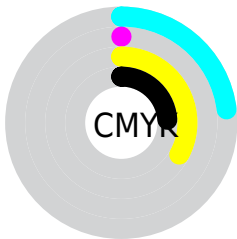
Distribution



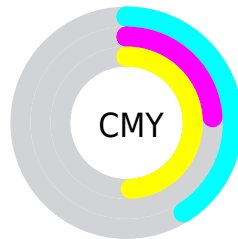
- Red (59%)
- Green (76%)
- Blue (51%)



- Red (51%)
- Yellow (76%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (33%)
- Black (24%)



- Cyan (41%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.2490, -21.3218, -21.2664 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 174.2490, -21.3218, -21.2664 by changing the saturation by 10% instead.

■ 174.2490,
-21.3218, -21.2664

■ 174.2490,
-21.3218, -21.2664

255.0000, 0.0000,
0.0000

■ 147.3630,
-20.8850, -21.3664

■ 230.1950,
-22.7741, -22.0960

■ 121.3030,
-19.8694, -20.4367

■ 243.8190,
-15.6868, -8.6113

■ 95.8300, -19.1432,
-20.0219

■ 253.4040, -6.1152,
1.3997

■ 71.6450, -18.5590,
-20.7367

■ 47.4600, -17.9748,
-21.4514

■ 26.1270, -12.8806,
-22.0364

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 174.2490,
-21.3218, -21.2664

■ 174.2490,
-21.3218, -21.2664

■ 167.7830,
-27.9940, -27.8737

■ 180.7150,
-14.6495, -14.6591

■ 161.7300,
-34.3769, -33.9662

■ 186.7680, -8.2666,
-8.5665

■ 155.3780,
-40.6124, -40.6735

■ 193.1200, -2.0312,
-1.8592

■ 148.9120,
-47.2846, -47.2808

■ 199.5860, 4.6411,
4.7481

■ 142.5600,
-53.5201, -53.9881

■ 206.0520, 11.3134,
11.3554

■ 136.3930,
-60.3397, -59.9807

■ 212.1050, 17.6962,
17.4479

■ 131.8070,
-64.9809, -64.7287

■ 217.0890, 18.6901,
25.3549

■ 219.7800, 17.3635,
30.8879

Harmonies

Analogous

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



178.5750, -32.3285, 9.1427



174.2490, -21.3218, -21.2664



167.5620, -2.7421, -53.9899

Triad

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



174.2490, -21.3218, -21.2664



171.4030, 38.7483, -61.7434



185.9580, -9.3463, 57.9188

Complementary

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



174.2490, -21.3218, -21.2664



151.7510, 21.3218, 21.2664

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.



187.6480, 7.5685, 45.9127



174.2490, -21.3218, -21.2664



181.8150, 34.1082, -20.0088

Square

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



174.2490, -21.3218, -21.2664



157.2000, 36.3834, -96.6454



187.3700, 22.4956, 18.0925



183.7390, -24.0283, 53.7259

Rectangle

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



174.2490, -21.3218, -21.2664



162.3170, 12.1687, -76.5770



187.3700, 22.4956, 18.0925



186.1410, -3.5205, 56.0043

Sweetspot

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



174.2490, -21.3218, -21.2664



244.0670, -8.4140, -7.9518



176.5510, -22.4566, 16.1798



122.8870, -5.3673, -5.1629



0.0000, 0.0000, 0.0000



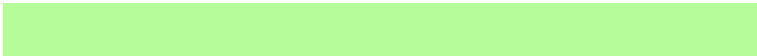
128.0000, 0.0000, 0.0000

Same Dimension

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



174.2490, -21.3218, -21.2664



220.1970, -32.6351, -32.6218



170.0500, -12.8426, -34.2468



93.7670, -3.3361, -3.3037



108.8590, -53.6675, -53.3733



22.3610, -11.0240, -10.8406

Inverse Universe

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



151.7510, 21.3218, 21.2664



185.8030, 32.6351, 32.6218



155.9500, 12.8427, 34.2469



90.2330, 3.3361, 3.3037



52.1410, 53.6675, 53.3733



10.6390, 11.0240, 10.8406

Previews

White Background



This preview shows how the YUV color 174.2490, -21.3218, -21.2664 looks on a white background.

Color Contrast Check

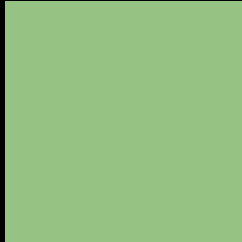
Large Text (above 18pt) WCAG AA × Fail

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 174.2490, -21.3218, -21.2664 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 174.2490, -21.3218, -21.2664 Background



This preview shows how black text looks on a background with the YUV color 174.2490, -21.3218, -21.2664.



This preview shows how white text looks on a background with the YUV color 174.2490, -21.3218, -21.2664.

-21.2664.

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

174.2490, -21.3218, -21.2664

Protanopia

180.1010, -26.6718, 14.8204

Deuteranopia

182.4000, -23.3682, 28.5902



Tritanopia

180.2350, 10.2371, -16.8691

Trichromacy



Original Color

174.2490, -21.3218, -21.2664

Protanomaly

178.1810, -24.7392, 1.5953

Deuteranomaly

179.2190, -22.2930, 10.3319

Tritanomaly

177.9500, -0.9613, -18.3731

Monochromacy



Original Color

174.2490, -21.3218, -21.2664

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1810, -7.9772, -8.0517

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.2490, -21.3218, -21.2664 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, 195, 131)` looks like.

```
.text, #text, p{  
    color:rgb(150, 195, 131)  
}
```

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, 195, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 195, 131) }
```

Border

The CSS property to change the border of an element to YUV 174.2490, -21.3218, -21.2664 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, 195, 131) }
```


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

```
.border{ border-color:rgb(150, 195, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 195, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 195, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 195, 131);  
box-shadow:4px 4px 4px 4px rgb(150, 195,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 174.2490, -21.3218, -21.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 195, 131) }
```

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

```
.background{ background-color: rgb(150,  
195, 131) }
```

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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