

Converting Colors

YUV(174.8290, -24.0727,
21.1980)

Have a look what the booklet for
YUV(174.8290, -24.0727, 21.1980)
contains.

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Color

**YUV(174.8290, -24.0727,
21.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AC7E
RGB	199, 172, 126
RGB Percent	78%, 67%, 49%
CMY	0.2196, 0.3255, 0.5059
CMYK	0.00, 0.14, 0.37, 0.22
HSL	38°, 39%, 64%
HSV	38°, 37%, 78%
XYZ	42.0716, 43.1535, 25.8507
YIQ	174.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

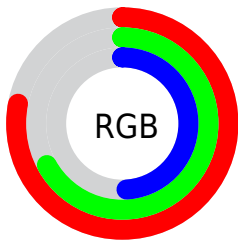
Format	Color
R_{YB}	169, 199, 126
Decimal	13085822
CIE _{Lab}	71.66, 3.21, 27.29
CIE _{LCh}	72, 27.483, 83.285
Yxy	43.1535, 0.3788, 0.3885
Android (android.graphics.Color)	4291275902 (0xFFC7AC7E)
YUV	174.8290, -24.0727, 21.1980
Hunter-Lab	65.6913, -0.6406, 22.6523

Details

The YUV color $174.8290, -24.0727, 21.1980$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $150.1710, 24.0727, -21.1980$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.9000, -25.0937, 22.0127$, and $122.1600, -22.7569, 19.1537$ is the 20% darker color. If you saturate the color by 10%, you get $168.4400, -30.7829, 26.8011$, and if you desaturate by 10%, it is $181.2180, -17.3625, 15.5948$.

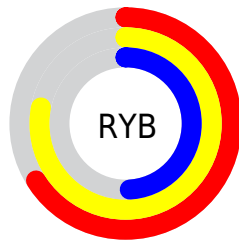
Distribution



Red (78%)

Green (67%)

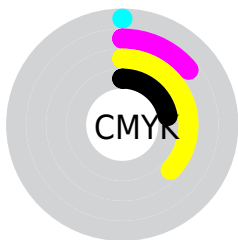
Blue (49%)



Red (66%)

Yellow (78%)

Blue (49%)

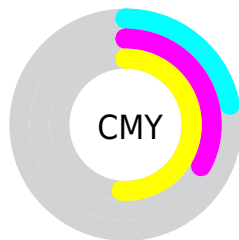


Cyan (0%)

Magenta (14%)

Yellow (37%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.8290, -24.0727, 21.1980 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 174.8290, -24.0727, 21.1980 by changing the saturation by 10% instead.

■ 174.8290,
-24.0727, 21.1980

■ 174.8290,
-24.0727, 21.1980

255.0000, 0.0000,
0.0000

■ 148.3450,
-23.3411, 19.8684

■ 229.9000,
-25.0937, 22.0127

■ 122.1600,
-22.7569, 19.1537

■ 249.5280,
-20.9663, 4.7989

■ 96.7900, -21.5885,
17.7242

■ 252.7200, -8.7360,
1.9996

■ 73.3060, -20.8569,
16.3946

■ 49.7080, -20.5620,
15.1651

■ 29.2930, -14.4414,
12.0210

■ 6.5450, -3.2267,

8.2920

■ 0.0000, 0.0000,
0.0000

■ 174.8290,
-24.0727, 21.1980

■ 174.8290,
-24.0727, 21.1980

■ 168.4400,
-30.7829, 26.8011

■ 181.2180,
-17.3625, 15.5948

■ 161.4640,
-37.2038, 32.9191

■ 188.1940,
-10.9416, 9.4769

■ 155.0750,
-43.9140, 38.5222

■ 194.5830, -4.2314,
3.8737

■ 148.6860,
-50.6242, 44.1254

■ 200.9720, 2.4788,
-1.7294

■ 141.8240,
-56.6082, 50.1434

■ 207.9480, 8.8996,
-7.8474

■ 135.4350,
-63.3185, 55.7465

■ 214.2230, 15.1731,
-13.3506

■ 132.8760,
-65.5079, 57.9907

■ 220.0590, 17.2259,
-18.4687

■ 224.1680, 15.2002,
-22.0723

■ 228.2770, 13.1744,
-25.6759

Harmonies

Analogous

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



176.9540, -20.1903, 35.9973



174.8290, -24.0727, 21.1980



172.0930, -21.2448, 0.7954

Triad

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



174.8290, -24.0727, 21.1980



162.9590, 15.3032, -55.2150



179.5630, 13.0334, 19.6772

Complementary

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



174.8290, -24.0727, 21.1980



150.1710, 24.0727, -21.1980

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.



176.9990, 21.6925, -4.3841



174.8290, -24.0727, 21.1980



165.6850, 24.3123, -51.4667

Square

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



174.8290, -24.0727, 21.1980



165.1920, 1.8773, -42.2644



171.9740, 26.1418, -31.5492



179.5730, 1.1965, 36.3315

Rectangle

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



174.8290, -24.0727, 21.1980



169.7860, -15.6705, -13.8443



171.9740, 26.1418, -31.5492



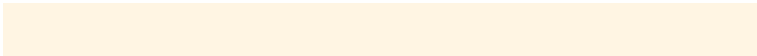
178.7300, 16.4021, 12.5148

Sweetspot

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



174.8290, -24.0727, 21.1980



245.9380, -9.3364, 7.9474



151.0190, 1.4696, 42.0793



121.9530, -5.3998, 5.3032



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.



174.8290, -24.0727, 21.1980



218.1650, -37.0563, 32.3043



187.9870, -30.5596, 1.7654



96.2130, -3.0630, 2.4442



109.1980, -53.8346, 47.1844



23.6780, -11.6733, 10.8064

Inverse Universe

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



150.1710, 24.0727, -21.1980



179.8350, 37.0563, -32.3043



137.0130, 30.5596, -1.7654



92.7870, 3.0630, -2.4442



53.8020, 53.8346, -47.1844



11.7350, 11.9626, -10.2916

Previews

White Background



This preview shows how the YUV color 174.8290, -24.0727, 21.1980 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 174.8290, -24.0727, 21.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

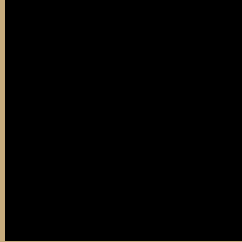
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.8290, -24.0727, 21.1980

Background



This preview shows how black text looks on a background with the YUV color 174.8290, -24.0727, 21.1980.



This preview shows how white text looks on a background with the YUV color 174.8290, -24.0727, 21.1980.

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

174.8290, -24.0727, 21.1980

Protanopia

174.4150, -22.8826, 12.7910

Deuteranopia

175.2860, -23.8050, 28.6902



Tritanopia

178.4420, -0.2179, 23.2914

Trichromacy



Original Color

174.8290, -24.0727, 21.1980

Protanomaly

174.9100, -23.6196, 15.8649

Deuteranomaly

174.9760, -23.6522, 26.3310

Tritanomaly

177.4390, -9.0904, 22.4170

Monochromacy



Original Color

174.8290, -24.0727, 21.1980

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0520, -8.8996, 7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.8290, -24.0727, 21.1980 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(199, 172, 126)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 126)  
}
```

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(199, 172, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 126) }
```

Border

The CSS property to change the border of an element to YUV 174.8290, -24.0727, 21.1980 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(199, 172, 126) }
```


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

```
.border{ border-color:rgb(199, 172, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 172, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 126);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 174.8290, -24.0727, 21.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 126) }
```

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

```
.background{ background-color: rgb(199,  
172, 126) }
```

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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