

Converting Colors

YUV(199.4840, 12.5794,
-21.4725)

Have a look what the booklet for
YUV(199.4840, 12.5794, -21.4725)
contains.

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Color

**YUV(199.4840, 12.5794,
-21.4725)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCFE1
RGB	175, 207, 225
RGB Percent	69%, 81%, 88%
CMY	0.3137, 0.1882, 0.1176
CMYK	0.22, 0.08, 0.00, 0.12
HSL	202°, 45%, 78%
HSV	202°, 22%, 88%
XYZ	53.5826, 59.1758, 79.8321
YIQ	199.4840, -24.8500, -1.1860

Conversions

Conversions Part 2

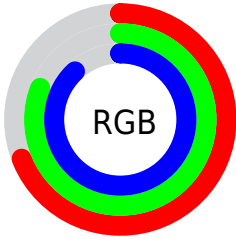
Format	Color
RYB	175, 195, 225
Decimal	11522017
CIELab	81.39, -6.73, -12.43
CIElCh	81, 14.138, 241.573
Yxy	59.1758, 0.2782, 0.3073
Android (android.graphics.Color)	4289712097 (0xFFAFCFE1)
YUV	199.4840, 12.5794, -21.4725
Hunter-Lab	76.9258, -10.2862, -7.6819

Details

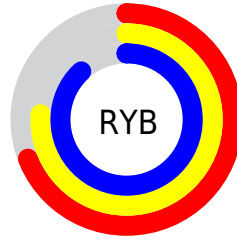
The YUV color $199.4840, 12.5794, -21.4725$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $200.5160, -12.5794, 21.4725$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, 3.5378, -14.7546$, and $145.6690, 11.9952, -20.7577$ is the 20% darker color. If you saturate the color by 10%, you get $188.2100, 18.1375, -30.8792$, and if you desaturate by 10%, it is $210.7580, 7.0213, -12.0658$.

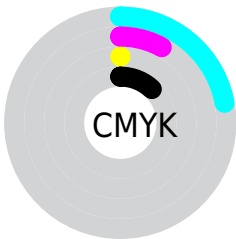
Distribution



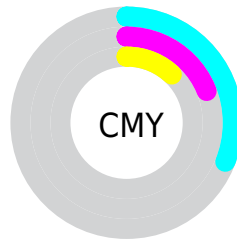
- Red (69%)
- Green (81%)
- Blue (88%)



- Red (69%)
- Yellow (76%)
- Blue (88%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4840, 12.5794, -21.4725 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 199.4840, 12.5794, -21.4725 by changing the saturation by 10% instead.

■ 199.4840, 12.5794,
-21.4725

■ 199.4840, 12.5794,
-21.4725

255.0000, 0.0000,
0.0000

■ 171.7830, 12.4320,
-20.8577

■ 247.8240, 3.5378,
-14.7546

■ 145.6690, 11.9952,
-20.7577

■ 119.5550, 11.5584,
-20.6577

■ 94.5550, 11.5584,
-20.6577

■ 70.4410, 11.1216,
-20.5578

■ 47.0280, 10.8322,
-21.0726

■ 25.3160, 10.6902,

-22.2021

■ 9.5350, 8.6102,
-8.3622

■ 0.0000, 0.0000,
0.0000

■ 199.4840, 12.5794,
-21.4725

■ 199.4840, 12.5794,
-21.4725

■ 188.2100, 18.1375,
-30.8792

■ 210.7580, 7.0213,
-12.0658

■ 176.6370, 23.8430,
-40.9006

■ 222.3310, 1.3158,
-2.0443

■ 165.3630, 29.4010,
-50.3074

■ 233.9040, -4.3897,
7.9772

■ 153.7900, 35.1065,
-60.3288

■ 242.1880, -8.4737,
11.2361

■ 142.5160, 40.6646,
-69.7355

■ 246.8840,
-10.7888, 7.1177

■ 130.3560, 46.6595,
-79.2422

■ 251.5800,
-13.1039, 2.9993

■ 119.0820, 52.2176,
-88.6489

■ 110.1780, 56.6072,
-96.6261

Harmonies

Analogous

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



198.4250, 8.6645, -25.8057



199.4840, 12.5794, -21.4725



201.6640, 12.9836, -11.1063

Triad

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



199.4840, 12.5794, -21.4725



204.7900, -1.3755, 21.2322



200.3450, -10.0301, -2.9336

Complementary

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



199.4840, 12.5794, -21.4725



200.5160, -12.5794, 21.4725

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.



201.4390, -12.5414, 9.2620



199.4840, 12.5794, -21.4725



204.1940, -7.4906, 22.6319

Square

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



199.4840, 12.5794, -21.4725



204.7550, 5.0508, 13.3699



203.0210, -11.8424, 18.3986



198.9460, -4.9034, -13.9846

Rectangle

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



199.4840, 12.5794, -21.4725



203.0780, 11.7935, -2.6994



203.0210, -11.8424, 18.3986



200.7370, -11.2093, 1.9847

Sweetspot

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



199.4840, 12.5794, -21.4725



246.0960, 4.3897, -7.9772



206.4020, -6.6072, -27.5396



122.3630, 2.7790, -4.7034



0.0000, 0.0000, 0.0000



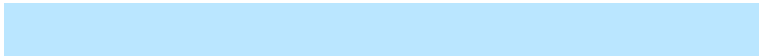
128.0000, 0.0000, 0.0000

Same Dimension

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



199.4840, 12.5794, -21.4725



219.6940, 17.4059, -29.5496



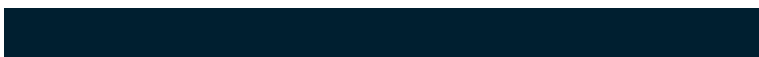
184.8090, 19.8142, -8.6025



106.3630, 2.7790, -4.7034



86.3950, 44.1753, -75.7684



23.6690, 11.9952, -20.7577

Inverse Universe

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



193.5980, 6.6072, 27.5396



211.6470, 9.0480, 38.0206



215.1910, -19.8142, 8.6025



105.0870, 1.4361, 6.0627



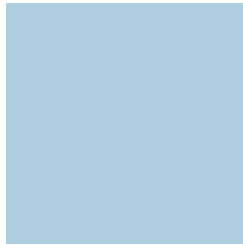
65.5060, 23.4145, 96.9032



17.8860, 6.4652, 26.4100

Previews

White Background



This preview shows how the YUV color 199.4840, 12.5794, -21.4725 looks on a white background.

Color Contrast Check

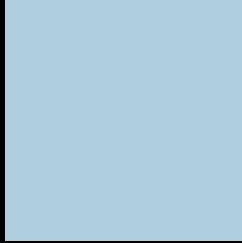
Large Text (above 18pt) WCAG AA × Fail

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 199.4840, 12.5794, -21.4725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

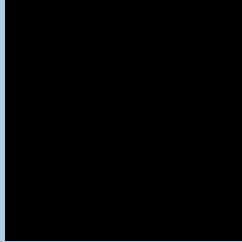
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.4840, 12.5794, -21.4725

Background



This preview shows how black text looks on a background with the YUV color 199.4840, 12.5794, -21.4725.



This preview shows how white text looks on a background with the YUV color 199.4840, 12.5794, -21.4725.

-21.4725.

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

199.4840, 12.5794, -21.4725

Protanopia

202.3940, 9.1728, -2.0995

Deuteranopia

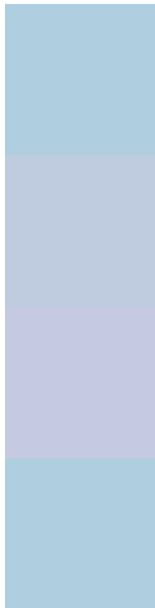
204.3070, 11.1876, 4.9928



Tritanopia

199.3700, 12.1426, -21.3725

Trichromacy



Original Color

199.4840, 12.5794, -21.4725

Protanomaly

201.5780, 10.0680, -9.2769

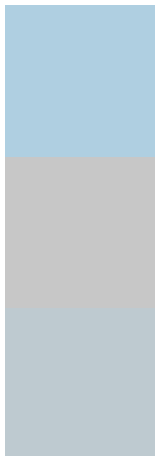
Deuteranomaly

202.6540, 11.5096, -4.9586

Tritanomaly

199.3700, 12.1426, -21.3725

Monochromacy



Original Color

199.4840, 12.5794, -21.4725

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4840, 12.5794, -21.4725 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(175, 207, 225)` looks like.

```
.text, #text, p{  
    color:rgb(175, 207, 225)  
}
```

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(175, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 207, 225) }
```

Border

The CSS property to change the border of an element to YUV 199.4840, 12.5794, -21.4725 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(175, 207, 225) }
```


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

```
.border{ border-color:rgb(175, 207, 225) }
```

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

Here you see how a box with a 4 pixel rgb(175, 207, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 207, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 207, 225);  
box-shadow:4px 4px 4px 4px rgb(175, 207,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 199.4840, 12.5794, -21.4725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 207, 225) }
```

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

```
.background{ background-color: rgb(175,  
207, 225) }
```

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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