

Converting Colors

YUV(214.4880, 19.9724,
-12.7060)

Have a look what the booklet for
YUV(214.4880, 19.9724, -12.7060)
contains.

YUV(214.4880, 19.9724, -12.7060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(214.4880, 19.9724,
-12.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D6FF
RGB	200, 214, 255
RGB Percent	78%, 84%, 100%
CMY	0.2157, 0.1608, 0.0000
CMYK	0.22, 0.16, 0.00, 0.00
HSL	225°, 100%, 89%
HSV	225°, 22%, 100%
XYZ	65.9160, 67.5925, 104.1803
YIQ	214.4880, -21.5050, 9.7830

Conversions

Conversions Part 2

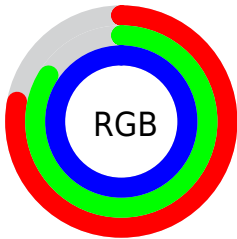
Format	Color
R _Y B	200, 211, 255
Decimal	13162239
CIE Lab	85.80, 3.77, -21.56
CIE LCh	86, 21.885, 279.927
Yxy	67.5925, 0.2773, 0.2844
Android (android.graphics.Color)	4291352319 (0xFFC8D6FF)
YUV	214.4880, 19.9724, -12.7060
Hunter-Lab	82.2147, -0.7624, -17.5805

Details

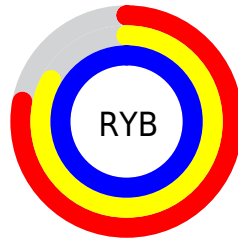
The YUV color $214.4880, 19.9724, -12.7060$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $240.5120, -19.9724, 12.7060$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.2600, 19.0988, -12.5060$ is the 20% darker color. If you saturate the color by 10%, you get $195.8600, 29.1560, -18.2942$, and if you desaturate by 10%, it is $233.4150, 10.6414, -6.5030$.

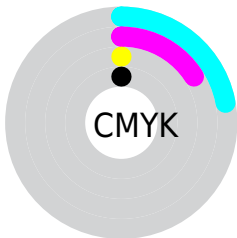
Distribution



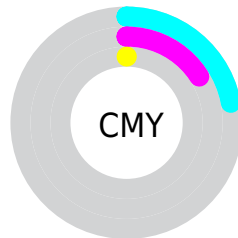
- Red (78%)
- Green (84%)
- Blue (100%)



- Red (78%)
- Yellow (83%)
- Blue (100%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.4880, 19.9724, -12.7060 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 214.4880, 19.9724, -12.7060 by changing the saturation by 10% instead.

■ 214.4880, 19.9724,
-12.7060

■ 214.4880, 19.9724,
-12.7060

255.0000, 0.0000,
0.0000

■ 186.3740, 19.5356,
-12.6060

■ 159.2600, 19.0988,
-12.5060

■ 133.1460, 18.6620,
-12.4060

■ 107.9180, 17.7884,
-12.2061

■ 83.5050, 17.4990,
-12.7209

■ 59.9780, 16.7728,
-13.1357

■ 36.8530, 16.3415,

-14.7801

■ 16.5110, 15.0311,
-14.4801

■ 3.5510, 11.0674,
-3.1142

■ 214.4880, 19.9724,
-12.7060

■ 214.4880, 19.9724,
-12.7060

■ 195.8600, 29.1560,
-18.2942

■ 233.4150, 10.6414,
-6.5030

■ 176.9330, 38.4870,
-24.4972

■ 252.0430, 1.4578,
-0.9147

■ 158.0060, 47.8180,
-30.7003

■ 255.0000, 0.0000,
0.0000

■ 139.3780, 57.0016,
-36.2885

■ 120.7500, 66.1852,
-41.8768

■ 101.8230, 75.5163,
-48.0798

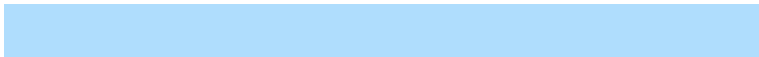
■ 83.1950, 84.6999,
-53.6680

■ 67.2250, 92.5731,
-58.9563

Harmonies

Analogous

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



210.8940, 20.7583, -31.4790



214.4880, 19.9724, -12.7060



217.4260, 14.0870, 8.3964

Triad

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



214.4880, 19.9724, -12.7060



216.9520, -13.7803, 33.3681



207.7980, -3.8444, -27.0098

Complementary

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



214.4880, 19.9724, -12.7060



240.5120, -19.9724, 12.7060

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.



210.2750, -13.9396, -9.0112



214.4880, 19.9724, -12.7060



214.8170, -19.1368, 24.7165

Square

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



214.4880, 19.9724, -12.7060



217.3570, -4.6130, 33.0129



213.0170, -19.2354, 9.6321



206.8810, 6.9607, -39.3606

Rectangle

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



214.4880, 19.9724, -12.7060



218.4230, 8.6655, 20.6770



213.0170, -19.2354, 9.6321



208.8050, -7.7919, -20.8770

Sweetspot

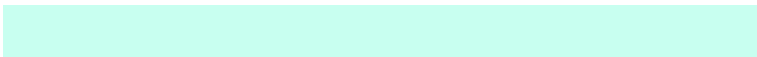
The Sweet Spot groups the original color and five complimentary colors.



214.4880, 19.9724, -12.7060



244.0580, 5.3944, -3.5589



236.8450, 1.5554, -32.3131



121.2000, 3.3524, -1.9294



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.



214.4880, 19.9724, -12.7060



206.5030, 23.9090, -15.3501



210.1570, 22.1076, 2.4933



118.2430, 4.8102, -2.8441



50.5370, 69.2483, -44.3209



16.6880, 23.3248, -14.6354

Inverse Universe

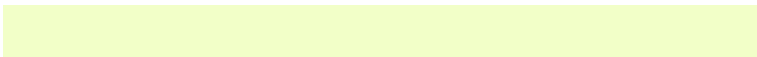
The Inverse Universe completely reimagines the original color for something new.



218.0410, -1.9922, 32.4130



210.6720, -2.3033, 38.8757



244.8430, -22.1076, -2.4933



119.2290, -0.6059, 7.6922



62.6950, -6.7516, 112.5235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 214.4880, 19.9724, -12.7060 looks on a white background.

Color Contrast Check

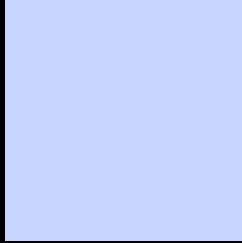
Large Text (above 18pt) WCAG AA × Fail

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 214.4880, 19.9724, -12.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

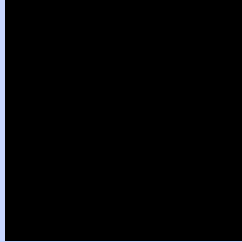
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.4880, 19.9724, -12.7060

Background



This preview shows how black text looks on a background with the YUV color 214.4880, 19.9724, -12.7060.



This preview shows how white text looks on a background with the YUV color 214.4880, 19.9724, -12.7060.

-12.7060.

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

214.4880, 19.9724, -12.7060

Protanopia

214.9940, 19.2300, -7.8877

Deuteranopia

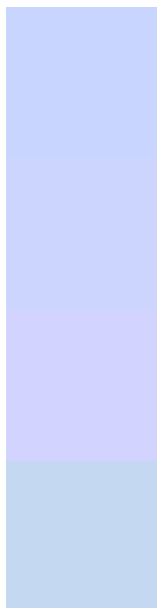
216.6250, 18.9189, -1.4251



Tritanopia

212.7730, 10.9579, -14.7099

Trichromacy



Original Color

214.4880, 19.9724, -12.7060

Protanomaly

214.9830, 19.2354, -9.6321

Deuteranomaly

215.7170, 19.3665, -5.0138

Tritanomaly

213.2830, 14.1575, -14.2802

Monochromacy



Original Color

214.4880, 19.9724, -12.7060

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.4880, 19.9724, -12.7060 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(200, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 214, 255)  
}
```

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(200, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 214, 255) }
```

Border

The CSS property to change the border of an element to YUV 214.4880, 19.9724, -12.7060 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(200, 214, 255) }
```


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

```
.border{ border-color:rgb(200, 214, 255) }
```

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

Here you see how a box with a 4 pixel rgb(200, 214, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 214,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 214.4880, 19.9724, -12.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 214, 255) }
```

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

```
.background{ background-color: rgb(200,  
214, 255) }
```

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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