

Converting Colors

YUV(212.6480, 13.9775,
-3.1993)

Have a look what the booklet for
YUV(212.6480, 13.9775, -3.1993)
contains.

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Color

**YUV(212.6480, 13.9775,
-3.1993)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D1F1
RGB	209, 209, 241
RGB Percent	82%, 82%, 95%
CMY	0.1804, 0.1804, 0.0549
CMYK	0.13, 0.13, 0.00, 0.05
HSL	240°, 53%, 88%
HSV	240°, 13%, 95%
XYZ	64.9721, 65.5071, 92.4388
YIQ	212.6480, -10.2720, 9.9520

Conversions

Conversions Part 2

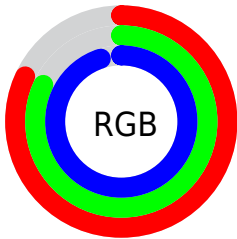
Format	Color
R _Y B	209, 209, 241
Decimal	13750769
CIE Lab	84.74, 6.21, -15.68
CIE LCh	85, 16.865, 291.606
Yxy	65.5071, 0.2915, 0.2939
Android (android.graphics.Color)	4291940849 (0xFFD1D1F1)
YUV	212.6480, 13.9775, -3.1993
Hunter-Lab	80.9365, 1.6529, -11.0605

Details

The YUV color $212.6480, 13.9775, -3.1993$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $237.3520, -13.9775, 3.1993$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.1210, 13.2513, -3.6141$ is the 20% darker color. If you saturate the color by 10%, you get $191.3840, 24.4607, -5.5988$, and if you desaturate by 10%, it is $233.9120, 3.4944, -0.7998$.

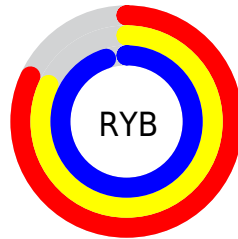
Distribution



Red (82%)

Green (82%)

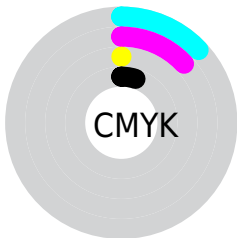
Blue (95%)



Red (82%)

Yellow (82%)

Blue (95%)

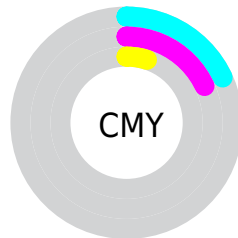


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (18%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.6480, 13.9775, -3.1993 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 212.6480, 13.9775, -3.1993 by changing the saturation by 10% instead.

■ 212.6480, 13.9775,
-3.1993

■ 212.6480, 13.9775,
-3.1993

255.0000, 0.0000,
0.0000

■ 184.6480, 13.9775,
-3.1993

■ 158.1210, 13.2513,
-3.6141

■ 132.0070, 12.8145,
-3.5141

■ 106.8930, 12.3778,
-3.4142

■ 82.7790, 11.9410,
-3.3142

■ 59.2520, 11.2148,
-3.7290

■ 37.1380, 10.7780,

-3.6290

■ 16.0240, 10.3412,
-3.5290

■ 2.2970, 6.2626,
-2.0145

■ 212.6480, 13.9775,
-3.1993

■ 212.6480, 13.9775,
-3.1993

■ 191.3840, 24.4607,
-5.5988

■ 233.9120, 3.4944,
-0.7998

■ 170.1200, 34.9438,
-7.9982

■ 253.4040, -6.1152,
1.3997

■ 148.8560, 45.4270,
-10.3977

■ 127.5920, 55.9101,
-12.7972

■ 106.3280, 66.3933,
-15.1967

■ 84.1780, 77.3132,
-17.6961

■ 62.9140, 87.7964,
-20.0956

■ 41.6500, 98.2796,
-22.4950

■ 27.4740, 105.2683,
-24.0947

Harmonies

Analogous

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



209.8310, 16.3523, -18.2688



212.6480, 13.9775, -3.1993



214.2540, 8.2558, 12.0552

Triad

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



212.6480, 13.9775, -3.1993



213.1250, -12.8796, 24.4464



206.4330, -0.2135, -24.9357

Complementary

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



212.6480, 13.9775, -3.1993



237.3520, -13.9775, 3.1993

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.



207.7460, -8.2558, -12.0552



212.6480, 13.9775, -3.1993



211.6740, -15.6153, 15.1949

Square

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



212.6480, 13.9775, -3.1993



214.4550, -6.6333, 27.6650



209.7540, -13.6827, 1.9697



206.2780, 8.2439, -30.9388

Rectangle

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



212.6480, 13.9775, -3.1993



215.0440, 3.4293, 20.1324



209.7540, -13.6827, 1.9697



206.7710, -2.8451, -20.8472

Sweetspot

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



212.6480, 13.9775, -3.1993



246.1400, 4.3680, -0.9998



231.4320, 4.7170, -19.6729



121.7980, 3.0576, -0.6998



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.



212.6480, 13.9775, -3.1993



218.6740, 17.9087, -4.0991



217.4320, 11.6190, 6.6371



109.3680, 5.2416, -1.1997



20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Inverse Universe

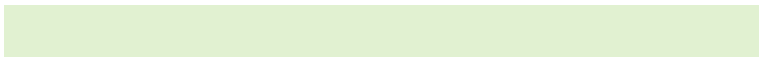
The Inverse Universe completely reimagines the original color for something new.



222.2160, 9.2605, 16.4736



230.9330, 11.8650, 21.1068



232.5680, -11.6190, -6.6371



112.9560, 3.4727, 6.1776



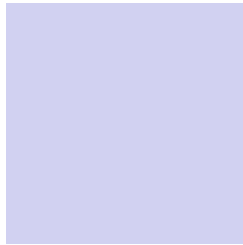
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 212.6480, 13.9775, -3.1993 looks on a white background.

Color Contrast Check

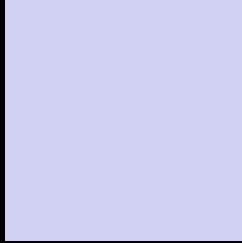
Large Text (above 18pt) WCAG AA × Fail

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 212.6480, 13.9775, -3.1993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

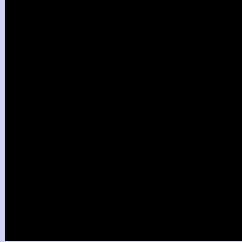
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.6480, 13.9775, -3.1993

Background



This preview shows how black text looks on a background with the YUV color 212.6480, 13.9775, -3.1993.



This preview shows how white text looks on a background with the YUV color 212.6480, 13.9775, -3.1993.

-3.1993.

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

212.6480, 13.9775, -3.1993

Protanopia

212.4520, 14.5672, -5.6584

Deuteranopia

213.6920, 13.9558, 3.7781



Tritanopia

211.7420, 8.0152, -4.1587

Trichromacy



Original Color

212.6480, 13.9775, -3.1993

Protanomaly

212.7510, 14.4198, -5.0436

Deuteranomaly

213.3820, 14.1087, 1.4190

Tritanomaly

212.0240, 10.3412, -3.5290

Monochromacy



Original Color

212.6480, 13.9775, -3.1993

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2540, 4.8048, -1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.6480, 13.9775, -3.1993 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(209, 209, 241)` looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 241)  
}
```

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(209, 209, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 241) }
```

Border

The CSS property to change the border of an element to YUV 212.6480, 13.9775, -3.1993 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(209, 209, 241) }
```


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

```
.border{ border-color:rgb(209, 209, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 209, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 241);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 212.6480, 13.9775, -3.1993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 241) }
```

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

```
.background{ background-color: rgb(209,  
209, 241) }
```

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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