

Converting Colors

YUV(216.3810, 12.1372,
-19.6281)

Have a look what the booklet for
YUV(216.3810, 12.1372, -19.6281)
contains.

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Color

**YUV(216.3810, 12.1372,
-19.6281)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DFF1
RGB	194, 223, 241
RGB Percent	76%, 87%, 95%
CMY	0.2392, 0.1255, 0.0549
CMYK	0.20, 0.07, 0.00, 0.05
HSL	203°, 63%, 85%
HSV	203°, 20%, 95%
XYZ	64.5130, 70.5956, 93.4452
YIQ	216.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

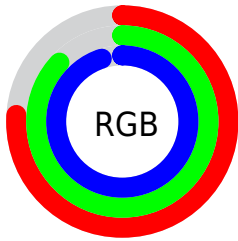
Format	Color
RYB	194, 212, 241
Decimal	12771313
CIELab	87.29, -5.79, -11.98
CIELCh	87, 13.307, 244.186
Yxy	70.5956, 0.2823, 0.3089
Android (android.graphics.Color)	4290961393 (0xFFC2DFF1)
YUV	216.3810, 12.1372, -19.6281
Hunter-Lab	84.0212, -9.9815, -7.1253

Details

The YUV color $216.3810, 12.1372, -19.6281$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.6190, -12.1372, 19.6281$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $161.5660, 11.5530, -18.9134$ is the 20% darker color. If you saturate the color by 10%, you get $203.9220, 18.2795, -29.7496$, and if you desaturate by 10%, it is $228.8400, 5.9949, -9.5067$.

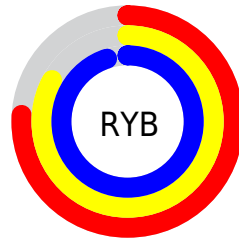
Distribution



Red (76%)

Green (87%)

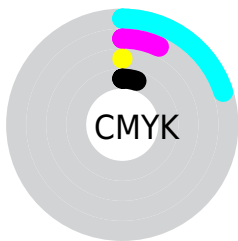
Blue (95%)



Red (76%)

Yellow (83%)

Blue (95%)

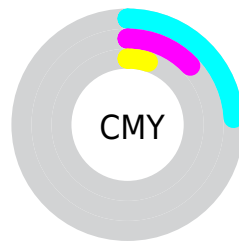


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3810, 12.1372, -19.6281 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 216.3810, 12.1372, -19.6281 by changing the saturation by 10% instead.

■ 216.3810, 12.1372,
-19.6281

■ 216.3810, 12.1372,
-19.6281

255.0000, 0.0000,
0.0000

■ 188.6800, 11.9898,
-19.0134

■ 253.8040, 0.5896,
-2.4591

■ 161.5660, 11.5530,
-18.9134

■ 134.8650, 11.4056,
-18.2986

■ 109.7510, 10.9688,
-18.1986

■ 84.7510, 10.9688,
-18.1986

■ 61.2240, 10.2426,
-18.6134

■ 38.5120, 10.1006,

-19.7430

■ 19.0070, 9.3635,
-16.6691

■ 2.5250, 7.1362,
-2.2144

■ 216.3810, 12.1372,
-19.6281

■ 216.3810, 12.1372,
-19.6281

■ 203.9220, 18.2795,
-29.7496

■ 228.8400, 5.9949,
-9.5067

■ 191.4630, 24.4217,
-39.8711

■ 241.2990, -0.1474,
0.6148

■ 178.4170, 30.8534,
-49.4777

■ 251.0560, -4.9576,
3.4589

■ 165.9580, 36.9957,
-59.5992

■ 253.4040, -6.1152,
1.3997

■ 153.4990, 43.1380,
-69.7206

■ 140.7410, 49.4277,
-80.4569

■ 127.6950, 55.8594,
-90.0635

■ 115.2360, 62.0017,
-100.1850

■ 114.9370, 62.1491,
-100.7997

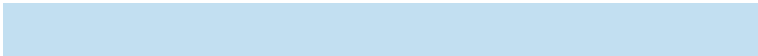
Harmonies

Analogous

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



215.0230, 8.3697, -24.5762



216.3810, 12.1372, -19.6281



218.5610, 12.5414, -9.2620

Triad

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



216.3810, 12.1372, -19.6281



221.2630, -2.1017, 20.8173



216.5730, -9.1565, -3.1335

Complementary

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



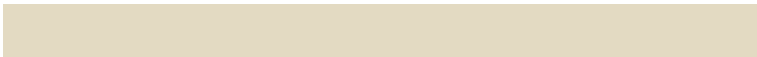
216.3810, 12.1372, -19.6281



218.6190, -12.1372, 19.6281

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.



217.9550, -11.8098, 7.9325



216.3810, 12.1372, -19.6281



220.7810, -7.7800, 22.1171

Square

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



216.3810, 12.1372, -19.6281



221.5270, 4.1772, 13.5698



219.4230, -11.5475, 17.1690



215.1740, -4.0298, -14.1846

Rectangle

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



216.3810, 12.1372, -19.6281



219.5620, 11.0619, -1.3699



219.4230, -11.5475, 17.1690



217.2530, -10.4777, 0.6551

Sweetspot

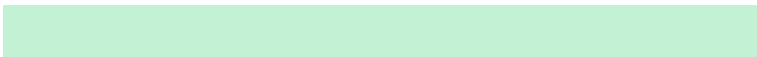
The Sweet Spot groups the original color and five complimentary colors.



216.3810, 12.1372, -19.6281



246.9930, 3.9475, -6.1329



223.5270, -6.1758, -25.8952



122.9610, 2.4842, -3.4738



0.0000, 0.0000, 0.0000



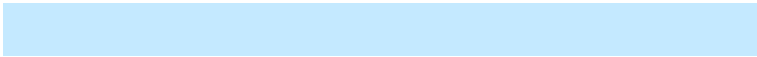
128.0000, 0.0000, 0.0000

Same Dimension

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



216.3810, 12.1372, -19.6281



224.4450, 15.0636, -24.9463



202.8800, 18.7932, -7.7878



113.4770, 3.2158, -4.8033



87.3070, 47.6696, -76.5682



26.9290, 14.3320, -23.6167

Inverse Universe

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



211.3590, 5.7390, 25.9952



217.8590, 7.4645, 32.5727



232.1200, -18.7932, 7.7878



112.3860, 1.2887, 6.6775



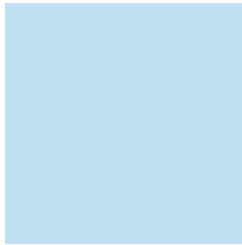
67.8980, 22.2353, 101.8215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 216.3810, 12.1372, -19.6281 looks on a white background.

Color Contrast Check

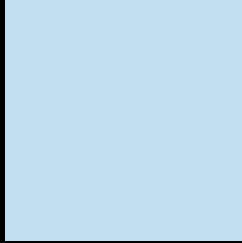
Large Text (above 18pt) WCAG AA × Fail

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 216.3810, 12.1372, -19.6281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

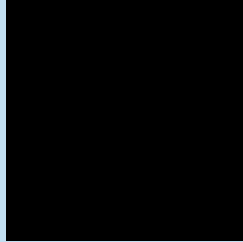
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

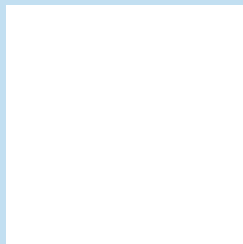
Any Text WCAG AAA ✓ Pass

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

YUV 216.3810, 12.1372, -19.6281 Background



This preview shows how black text looks on a background with the YUV color 216.3810, 12.1372, -19.6281.



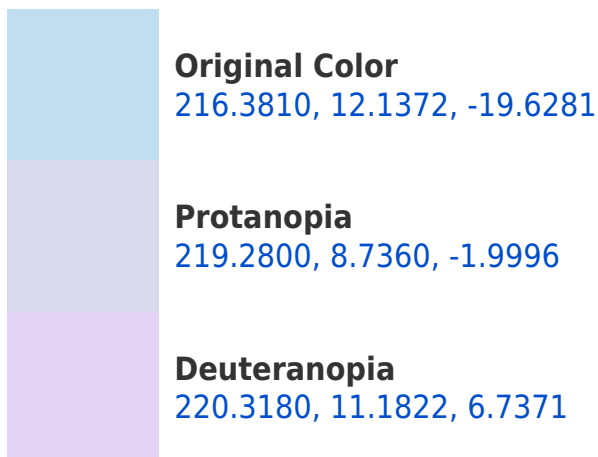
This preview shows how white text looks on a background with the YUV color 216.3810, 12.1372, -19.6281.

-19.6281.

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





Tritanopia

216.3810, 12.1372, -19.6281

Trichromacy



Original Color

216.3810, 12.1372, -19.6281

Protanomaly

218.1760, 9.7732, -8.0474

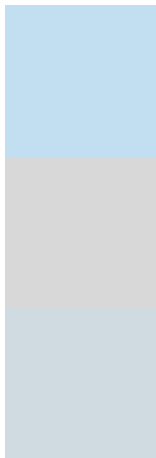
Deuteranomaly

218.9640, 11.3567, -2.5994

Tritanomaly

216.3810, 12.1372, -19.6281

Monochromacy



Original Color

216.3810, 12.1372, -19.6281

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.3950, 4.2423, -7.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3810, 12.1372, -19.6281 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(194, 223, 241)` looks like.

```
.text, #text, p{  
    color:rgb(194, 223, 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(194, 223, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 223, 241) }
```

Border

The CSS property to change the border of an element to YUV 216.3810, 12.1372, -19.6281 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(194, 223, 241) }
```


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

```
.border{ border-color:rgb(194, 223, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 223, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 223, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 223, 241);  
box-shadow:4px 4px 4px 4px rgb(194, 223,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 216.3810, 12.1372, -19.6281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 223, 241) }
```

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

```
.background{ background-color: rgb(194,  
223, 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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