

Converting Colors

YUV(216.3750, 14.6051,
-17.8689)

Have a look what the booklet for
YUV(216.3750, 14.6051, -17.8689)
contains.

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Color

**YUV(216.3750, 14.6051,
-17.8689)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DDF6
RGB	196, 221, 246
RGB Percent	77%, 87%, 96%
CMY	0.2314, 0.1333, 0.0353
CMYK	0.20, 0.10, 0.00, 0.04
HSL	210°, 74%, 87%
HSV	210°, 20%, 96%
XYZ	65.2560, 70.1025, 97.2806
YIQ	216.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

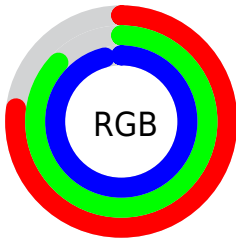
Format	Color
RYB	196, 213, 246
Decimal	12901878
CIELab	87.05, -3.08, -14.96
CIELCh	87, 15.273, 258.384
Yxy	70.1025, 0.2805, 0.3013
Android (android.graphics.Color)	4291091958 (0xFFC4DDF6)
YUV	216.3750, 14.6051, -17.8689
Hunter-Lab	83.7272, -7.4020, -10.2785

Details

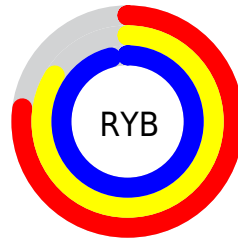
The YUV color $216.3750, 14.6051, -17.8689$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $225.6250, -14.6051, 17.8689$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $161.5600, 14.0209, -17.1541$ is the 20% darker color. If you saturate the color by 10%, you get $201.8560, 21.7630, -27.0607$, and if you desaturate by 10%, it is $230.8940, 7.4473, -8.6770$.

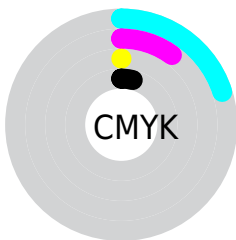
Distribution



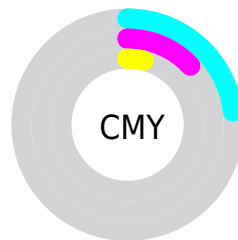
- Red (77%)
- Green (87%)
- Blue (96%)



- Red (77%)
- Yellow (84%)
- Blue (96%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (23%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3750, 14.6051, -17.8689 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 216.3750, 14.6051, -17.8689 by changing the saturation by 10% instead.

■ 216.3750, 14.6051,
-17.8689

■ 216.3750, 14.6051,
-17.8689

255.0000, 0.0000,
0.0000

■ 188.3750, 14.6051,
-17.8689

254.4020, 0.2948,
-1.2296

■ 161.5600, 14.0209,
-17.1541

■ 135.4460, 13.5841,
-17.0541

■ 109.3320, 13.1473,
-16.9542

■ 85.2180, 12.7105,
-16.8542

■ 61.2180, 12.7105,
-16.8542

■ 38.3920, 12.1317,

-17.8838

■ 18.7620, 10.9633,
-16.4543

■ 2.9810, 8.8834,
-2.6143

■ 216.3750, 14.6051,
-17.8689

■ 216.3750, 14.6051,
-17.8689

■ 201.8560, 21.7630,
-27.0607

■ 230.8940, 7.4473,
-8.6770

■ 187.0490, 29.0628,
-35.1230

■ 245.7010, 0.1474,
-0.6148

■ 172.5300, 36.2207,
-44.3148

■ 253.9740, -3.9312,
0.8998

■ 158.3100, 43.2312,
-52.8919

■ 143.7910, 50.3890,
-62.0837

■ 128.6850, 57.8363,
-70.7607

■ 114.4650, 64.8468,
-79.3378

■ 100.2450, 71.8572,
-87.9149

Harmonies

Analogous

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



214.3370, 12.1589, -26.6055



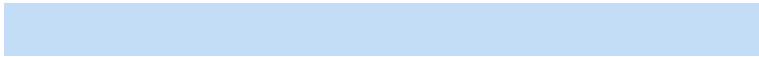
216.3750, 14.6051, -17.8689



218.7080, 12.9620, -4.1289

Triad

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



216.3750, 14.6051, -17.8689



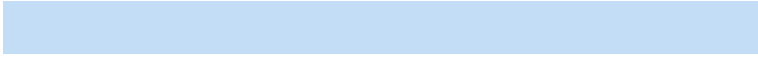
220.3730, -5.6069, 25.1059



214.7570, -8.2612, -10.3109

Complementary

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



216.3750, 14.6051, -17.8689



225.6250, -14.6051, 17.8689

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.



216.5800, -13.1039, 2.9993



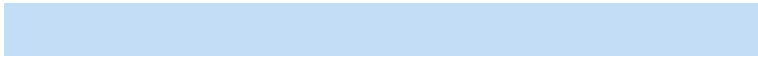
216.3750, 14.6051, -17.8689



219.8690, -11.2744, 22.9169

Square

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



216.3750, 14.6051, -17.8689



221.1750, 1.3927, 20.0175



218.1300, -13.8681, 14.7950



213.3410, -0.6611, -21.3471

Rectangle

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



216.3750, 14.6051, -17.8689



220.0790, 10.3141, 5.1927



218.1300, -13.8681, 14.7950



215.6220, -10.1666, -5.8075

Sweetspot

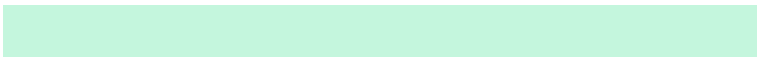
The Sweet Spot groups the original color and five complimentary colors.



216.3750, 14.6051, -17.8689



245.8190, 4.5262, -5.1033



228.2000, -3.5496, -28.2394



122.3740, 2.7736, -2.9590



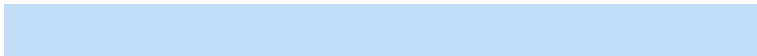
0.0000, 0.0000, 0.0000



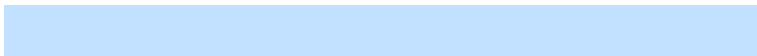
128.0000, 0.0000, 0.0000

Same Dimension

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



216.3750, 14.6051, -17.8689



218.5640, 17.9629, -21.5426



201.7000, 21.8399, -4.9989



114.8900, 3.5052, -4.2885



75.7950, 54.3311, -66.4722



23.7490, 17.3787, -20.8279

Inverse Universe

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



213.8000, 3.5496, 28.2394



215.6590, 4.1121, 34.5021



240.3000, -21.8399, 4.9989



114.2720, 0.8519, 6.7775



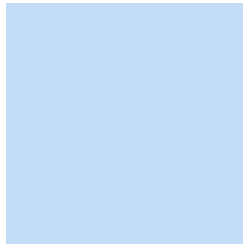
66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 216.3750, 14.6051, -17.8689 looks on a white background.

Color Contrast Check

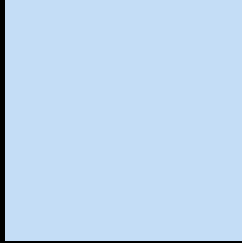
Large Text (above 18pt) WCAG AA × Fail

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 216.3750, 14.6051, -17.8689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

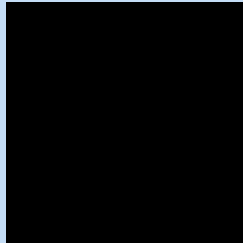
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

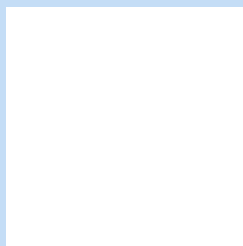
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.3750, 14.6051, -17.8689

Background



This preview shows how black text looks on a background with the YUV color 216.3750, 14.6051, -17.8689.



This preview shows how white text looks on a background with the YUV color 216.3750, 14.6051, -17.8689.

-17.8689.

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

216.3750, 14.6051, -17.8689

Protanopia

218.4800, 12.0884, -3.9290

Deuteranopia

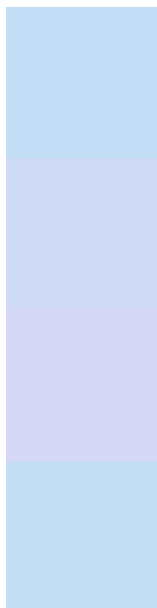
219.9910, 13.8084, 4.3929



Tritanopia

215.9790, 11.8424, -18.3986

Trichromacy



Original Color

216.3750, 14.6051, -17.8689

Protanomaly

217.6750, 12.9782, -9.3620

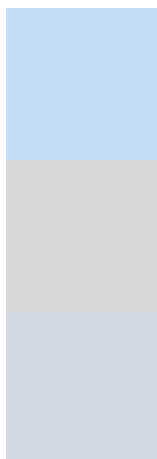
Deuteranomaly

218.3490, 14.1249, -3.8141

Tritanomaly

216.2070, 12.7159, -18.5985

Monochromacy



Original Color

216.3750, 14.6051, -17.8689

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.3350, 5.2578, -6.4328

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3750, 14.6051, -17.8689 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(196, 221, 246)` looks like.

```
.text, #text, p{  
    color:rgb(196, 221, 246)  
}
```

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(196, 221, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 221, 246) }
```

Border

The CSS property to change the border of an element to YUV 216.3750, 14.6051, -17.8689 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(196, 221, 246) }
```


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

```
.border{ border-color:rgb(196, 221, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 221, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 221, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 221, 246);  
box-shadow:4px 4px 4px 4px rgb(196, 221,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 216.3750, 14.6051, -17.8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 221, 246) }
```

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

```
.background{ background-color: rgb(196,  
221, 246) }
```

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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