

Converting Colors

YUV(196.7030, 17.4014,
18.6775)

Have a look what the booklet for
YUV(196.7030, 17.4014, 18.6775)
contains.

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Color

**YUV(196.7030, 17.4014,
18.6775)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB3E8
RGB	218, 179, 232
RGB Percent	85%, 70%, 91%
CMY	0.1451, 0.2980, 0.0902
CMYK	0.06, 0.23, 0.00, 0.09
HSL	284°, 54%, 81%
HSV	284°, 23%, 91%
XYZ	59.5990, 52.9718, 83.4273
YIQ	196.7030, 6.2310, 24.7510

Conversions

Conversions Part 2

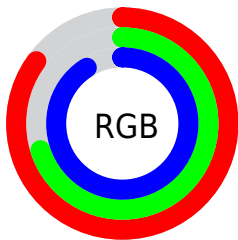
Format	Color
R_{YB}	218, 179, 232
Decimal	14332904
CIE _{Lab}	77.86, 23.40, -21.19
CIE _{LCh}	78, 31.566, 317.839
Yxy	52.9718, 0.3041, 0.2703
Android (android.graphics.Color)	4292522984 (0xFFDAB3E8)
YUV	196.7030, 17.4014, 18.6775
Hunter-Lab	72.7817, 18.8008, -17.0149

Details

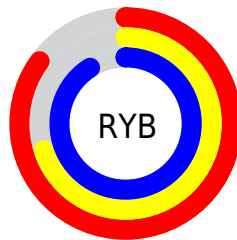
The YUV color $196.7030, 17.4014, 18.6775$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $214.2970, -17.4014, -18.6775$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2600, 5.7878, 10.2960$, and $142.7630, 16.3858, 17.7478$ is the 20% darker color. If you saturate the color by 10%, you get $181.4080, 24.9419, 26.8292$, and if you desaturate by 10%, it is $211.9980, 9.8610, 10.5258$.

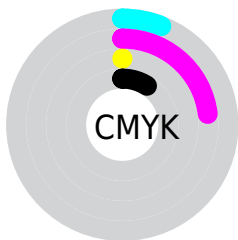
Distribution



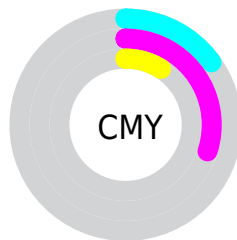
- Red (85%)
- Green (70%)
- Blue (91%)



- Red (85%)
- Yellow (70%)
- Blue (91%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.7030, 17.4014, 18.6775 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 196.7030, 17.4014, 18.6775 by changing the saturation by 10% instead.

■ 196.7030, 17.4014,
18.6775

■ 196.7030, 17.4014,
18.6775

255.0000, 0.0000,
0.0000

■ 169.2900, 17.1120,
18.1627

■ 243.2600, 5.7878,
10.2960

■ 142.7630, 16.3858,
17.7478

■ 117.0510, 16.2439,
16.6183

■ 91.6380, 15.9545,
16.1035

■ 67.8120, 15.3757,
15.0739

■ 44.9860, 14.7969,
14.0443

■ 22.5730, 14.5075,

13.5295

■ 8.3180, 11.1822,
6.7371

■ 0.1140, 0.4368,
-0.1000

■ 196.7030, 17.4014,
18.6775

■ 196.7030, 17.4014,
18.6775

■ 181.4080, 24.9419,
26.8292

■ 211.9980, 9.8610,
10.5258

■ 166.1130, 32.4823,
34.9809

■ 227.2930, 2.3206,
2.3740

■ 150.2310, 40.3121,
43.6474

■ 243.1750, -5.5093,
-6.2925

■ 134.6370, 48.0000,
51.1844

■ 248.7900, -8.2775,
-5.0778

■ 119.3420, 55.5404,
59.3361

■ 250.5840, -9.1619,
-1.3892

■ 104.0470, 63.0808,
67.4878

■ 252.3780,
-10.0464, 2.2995

■ 88.7520, 70.6213,
75.6395

■ 77.5770, 76.1305,
81.9320

Harmonies

Analogous

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



193.0350, 27.0977, -11.4317



196.7030, 17.4014, 18.6775



197.1050, 4.3852, 40.2499

Triad

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



196.7030, 17.4014, 18.6775



192.2490, -27.7308, 27.8456



177.6050, 15.4777, -64.5516

Complementary

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



196.7030, 17.4014, 18.6775



214.2970, -17.4014, -18.6775

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.



181.0730, -1.0220, -45.6680



196.7030, 17.4014, 18.6775



188.8610, -26.0605, 5.3839

Square

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



196.7030, 17.4014, 18.6775



193.9550, -21.6698, 43.8895



185.5140, -16.5224, -20.6218



179.4060, 27.4078, -64.3771

Rectangle

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



196.7030, 17.4014, 18.6775



196.6300, -5.2406, 47.6825



185.5140, -16.5224, -20.6218



178.2590, 10.2253, -59.8631

Sweetspot

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



196.7030, 17.4014, 18.6775



242.9390, 5.9461, 6.1925



193.2600, 19.0988, -12.5060



120.6460, 3.6255, 3.8185



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.



196.7030, 17.4014, 18.6775



209.1150, 22.6213, 24.4551



199.5210, 10.0961, 28.4841



107.0590, 3.9149, 4.3333



59.5750, 58.8765, 62.6397



17.1760, 16.6752, 18.2626

Inverse Universe

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



196.4430, -1.6974, 31.1835



208.6830, -2.3087, 40.6200



211.4790, -10.0961, -28.4841



106.9300, -0.4585, 7.0774



58.8790, -5.8563, 105.3461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 196.7030, 17.4014, 18.6775 looks on a white background.

Color Contrast Check

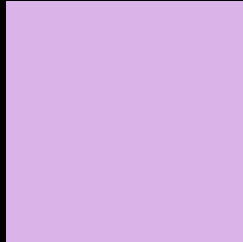
Large Text (above 18pt) WCAG AA × Fail

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 196.7030, 17.4014, 18.6775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

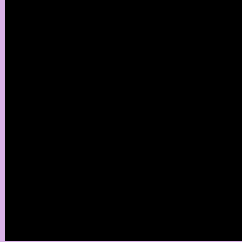
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.7030, 17.4014, 18.6775

Background



This preview shows how black text looks on a background with the YUV color 196.7030, 17.4014, 18.6775.



This preview shows how white text looks on a background with the YUV color 196.7030, 17.4014,

18.6775.

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

196.7030, 17.4014, 18.6775

Protanopia

193.5960, 22.8772, -11.0467

Deuteranopia

194.2830, 17.6085, -1.1252



Tritanopia

194.9680, 1.9878, 15.8141

Trichromacy



Original Color

196.7030, 17.4014, 18.6775

Protanomaly

194.7930, 20.8081, -0.6955

Deuteranomaly

195.3270, 17.5868, 5.8522

Tritanomaly

195.7600, 7.5133, 16.8735

Monochromacy



Original Color

196.7030, 17.4014, 18.6775

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.7650, 6.5249, 7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7030, 17.4014, 18.6775 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(218, 179, 232)` looks like.

```
.text, #text, p{  
    color:rgb(218, 179, 232)  
}
```

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(218, 179, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 179, 232) }
```

Border

The CSS property to change the border of an element to YUV 196.7030, 17.4014, 18.6775 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(218, 179, 232) }
```


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

```
.border{ border-color:rgb(218, 179, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 179, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 179, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 179, 232);  
box-shadow:4px 4px 4px 4px rgb(218, 179,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 196.7030, 17.4014, 18.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 179, 232) }
```

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

```
.background{ background-color: rgb(218,  
179, 232) }
```

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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