

Converting Colors

YUV(196.6000, 23.3682,
-28.5902)

Have a look what the booklet for
YUV(196.6000, 23.3682, -28.5902)
contains.

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Color

**YUV(196.6000, 23.3682,
-28.5902)**

Conversions

Conversions Part 1

Format	Color
Hex	A4CCF4
RGB	164, 204, 244
RGB Percent	64%, 80%, 96%
CMY	0.3569, 0.2000, 0.0431
CMYK	0.33, 0.16, 0.00, 0.04
HSL	210°, 78%, 80%
HSV	210°, 33%, 96%
XYZ	53.2318, 57.6099, 93.9022
YIQ	196.6000, -36.6800, 3.9600

Conversions

Conversions Part 2

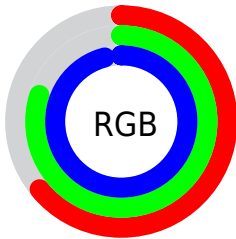
Format	Color
RYB	164, 191, 244
Decimal	10800372
CIELab	80.52, -3.90, -23.96
CIElCh	81, 24.270, 260.758
Yxy	57.6099, 0.2600, 0.2814
Android (android.graphics.Color)	4288990452 (0xFFA4CCF4)
YUV	196.6000, 23.3682, -28.5902
Hunter-Lab	75.9012, -7.6395, -20.2206

Details

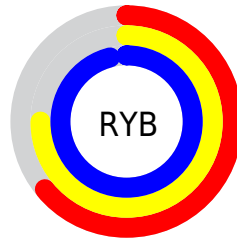
The YUV color $196.6000, 23.3682, -28.5902$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $211.4000, -23.3682, 28.5902$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8340, 5.0118, -20.9024$, and $142.3720, 22.4946, -28.3902$ is the 20% darker color. If you saturate the color by 10%, you get $182.3800, 30.3787, -37.1673$, and if you desaturate by 10%, it is $210.8200, 16.3577, -20.0131$.

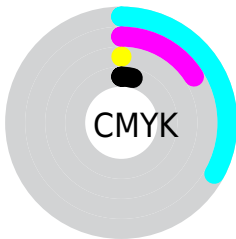
Distribution



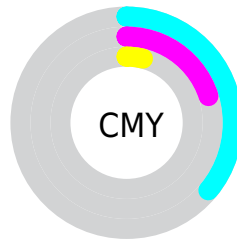
- Red (64%)
- Green (80%)
- Blue (96%)



- Red (64%)
- Yellow (75%)
- Blue (96%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.6000, 23.3682, -28.5902 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 196.6000, 23.3682, -28.5902 by changing the saturation by 10% instead.

■ 196.6000, 23.3682,
-28.5902

■ 196.6000, 23.3682,
-28.5902

255.0000, 0.0000,
0.0000

■ 169.4860, 22.9314,
-28.4902

■ 244.8340, 5.0118,
-20.9024

■ 142.3720, 22.4946,
-28.3902

■ 253.5050, 0.7370,
-3.0739

■ 115.9590, 22.2052,
-28.9050

■ 90.1330, 21.6264,
-29.9346

■ 65.4100, 21.4899,
-32.8086

■ 40.6870, 21.3533,
-35.6825

■ 25.7380, 17.3842,

-22.5722

■ 7.9680, 15.2988,
-6.9879

■ 2.5250, 7.1362,
-2.2144

■ 196.6000, 23.3682,
-28.5902

■ 196.6000, 23.3682,
-28.5902

■ 182.3800, 30.3787,
-37.1673

■ 210.8200, 16.3577,
-20.0131

■ 167.8610, 37.5365,
-46.3591

■ 225.3390, 9.1999,
-10.8213

■ 153.0540, 44.8364,
-54.4214

■ 240.1460, 1.9000,
-2.7590

■ 138.5350, 51.9942,
-63.6132

■ 252.5720, -4.2260,
2.1294

■ 124.3150, 59.0047,
-72.1903

■ 253.7460, -4.8048,
1.0998

■ 110.0950, 66.0152,
-80.7673

■ 99.4300, 71.2730,
-87.2001

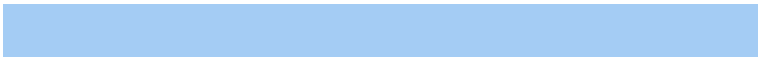
Harmonies

Analogous

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



192.1050, 20.6542, -44.8191



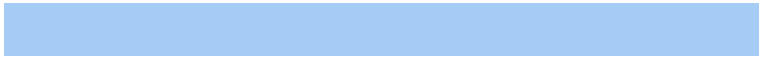
196.6000, 23.3682, -28.5902



200.6460, 20.3875, -5.8285

Triad

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



196.6000, 23.3682, -28.5902



202.9510, -8.8498, 38.6310



194.2030, -11.4391, -17.7180

Complementary

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



196.6000, 23.3682, -28.5902



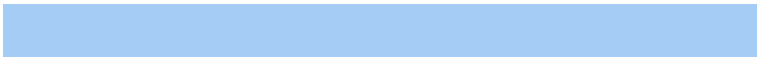
211.4000, -23.3682, 28.5902

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.



196.8590, -19.6505, 2.7547



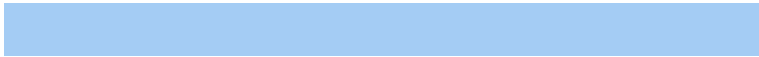
196.6000, 23.3682, -28.5902



201.6270, -17.5641, 33.6531

Square

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



196.6000, 23.3682, -28.5902



203.7790, 2.0810, 32.6428



199.6980, -22.0361, 21.3129



191.4810, 0.2559, -35.5018

Rectangle

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



196.6000, 23.3682, -28.5902



202.7790, 15.3920, 9.8408



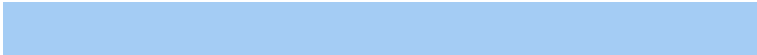
199.6980, -22.0361, 21.3129



195.0360, -14.8077, -10.5556

Sweetspot

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



196.6000, 23.3682, -28.5902



239.8940, 7.4473, -8.6770



215.5200, -5.6794, -45.1830



118.5200, 4.6736, -5.7180



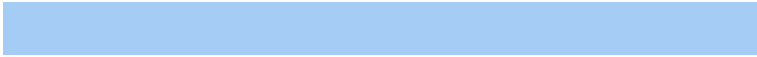
0.0000, 0.0000, 0.0000



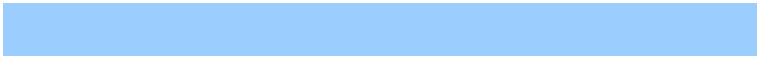
128.0000, 0.0000, 0.0000

Same Dimension

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



196.6000, 23.3682, -28.5902



196.0490, 29.0628, -35.1230



173.1200, 34.9438, -7.9982



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.



192.4800, 5.6794, 45.1830



191.1870, 6.8098, 55.9640



234.8800, -34.9438, 7.9982



114.2720, 0.8519, 6.7775



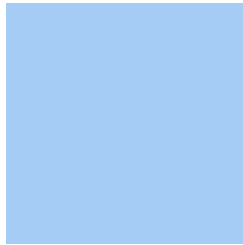
66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 196.6000, 23.3682, -28.5902 looks on a white background.

Color Contrast Check

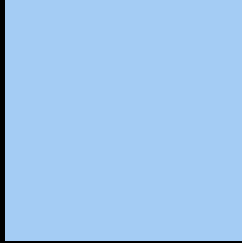
Large Text (above 18pt) WCAG AA × Fail

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 196.6000, 23.3682, -28.5902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

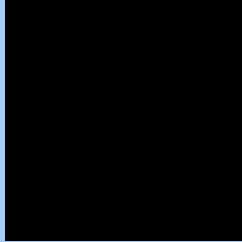
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

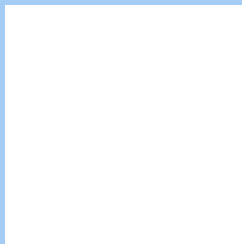
Any Text WCAG AAA ✓ Pass

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

YUV 196.6000, 23.3682, -28.5902 Background



This preview shows how black text looks on a background with the YUV color 196.6000, 23.3682, -28.5902.



This preview shows how white text looks on a background with the YUV color 196.6000, 23.3682, -28.5902.

-28.5902.

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

196.6000, 23.3682, -28.5902

Protanopia

199.8090, 19.8142, -8.6025

Deuteranopia

200.8140, 22.2767, -5.0989



Tritanopia

194.5860, 14.5011, -31.2089

Trichromacy



Original Color

196.6000, 23.3682, -28.5902

Protanomaly

198.9930, 20.7095, -15.7799

Deuteranomaly

199.1720, 22.5932, -13.3058

Tritanomaly

195.3950, 17.5533, -30.1644

Monochromacy



Original Color

196.6000, 23.3682, -28.5902

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.1110, 8.3263, -10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.6000, 23.3682, -28.5902 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(164, 204, 244)` looks like.

```
.text, #text, p{  
    color:rgb(164, 204, 244)  
}
```

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(164, 204, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 204, 244) }
```

Border

The CSS property to change the border of an element to YUV 196.6000, 23.3682, -28.5902 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(164, 204, 244) }
```


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

```
.border{ border-color:rgb(164, 204, 244) }
```

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

Here you see how a box with a 4 pixel rgb(164, 204, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 204, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 204, 244);  
box-shadow:4px 4px 4px 4px rgb(164, 204,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 196.6000, 23.3682, -28.5902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 204, 244) }
```

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

```
.background{ background-color: rgb(164,  
204, 244) }
```

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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