

Converting Colors

YUV(196.3530, 14.6160,
-21.3576)

Have a look what the booklet for
YUV(196.3530, 14.6160, -21.3576)
contains.

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Color

**YUV(196.3530, 14.6160,
-21.3576)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCBE2
RGB	172, 203, 226
RGB Percent	67%, 80%, 89%
CMY	0.3255, 0.2039, 0.1137
CMYK	0.24, 0.10, 0.00, 0.11
HSL	206°, 48%, 78%
HSV	206°, 24%, 89%
XYZ	52.0967, 56.9735, 80.2027
YIQ	196.3530, -25.8590, 0.5810

Conversions

Conversions Part 2

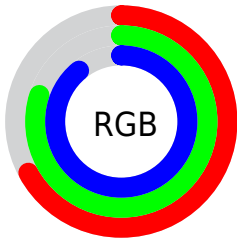
Format	Color
RYB	172, 192, 226
Decimal	11324386
CIELab	80.16, -5.31, -14.82
CIELCh	80, 15.745, 250.286
Yxy	56.9735, 0.2752, 0.3010
Android (android.graphics.Color)	4289514466 (0xFFACCBE2)
YUV	196.3530, 14.6160, -21.3576
Hunter-Lab	75.4808, -8.8912, -10.1625

Details

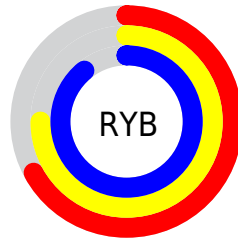
The YUV color $196.3530, 14.6160, -21.3576$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $201.6470, -14.6160, 21.3576$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9270, 3.9800, -16.5990$, and $142.5380, 14.0318, -20.6428$ is the 20% darker color. If you saturate the color by 10%, you get $183.6060, 20.9002, -30.3495$, and if you desaturate by 10%, it is $209.1000, 8.3317, -12.3657$.

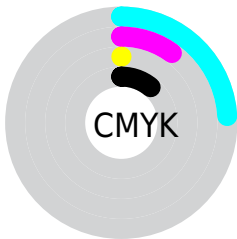
Distribution



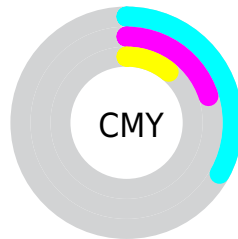
- Red (67%)
- Green (80%)
- Blue (89%)



- Red (67%)
- Yellow (75%)
- Blue (89%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3530, 14.6160, -21.3576 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 196.3530, 14.6160, -21.3576 by changing the saturation by 10% instead.

■ 196.3530, 14.6160,
-21.3576

■ 196.3530, 14.6160,
-21.3576

255.0000, 0.0000,
0.0000

■ 169.2390, 14.1792,
-21.2576

■ 246.9270, 3.9800,
-16.5990

■ 142.5380, 14.0318,
-20.6428

■ 116.4240, 13.5950,
-20.5428

■ 91.3100, 13.1582,
-20.4429

■ 67.8970, 12.8688,
-20.9577

■ 44.1850, 12.7268,
-22.0872

■ 23.6690, 11.9952,

-20.7577

■ 4.8390, 10.9254,
-4.2438

■ 0.0000, 0.0000,
0.0000

■ 196.3530, 14.6160,
-21.3576

■ 196.3530, 14.6160,
-21.3576

■ 183.6060, 20.9002,
-30.3495

■ 209.1000, 8.3317,
-12.3657

■ 171.7450, 26.7477,
-39.2414

■ 220.9610, 2.4842,
-3.4738

■ 158.9980, 33.0320,
-48.2332

■ 233.7080, -3.8000,
5.5181

■ 146.5500, 39.1688,
-56.6104

■ 244.0630, -8.9051,
9.5917

■ 134.3900, 45.1637,
-66.1170

■ 249.3460,
-11.5096, 4.9586

■ 121.6430, 51.4480,
-75.1089

■ 251.6940,
-12.6671, 2.8994

■ 109.7820, 57.2955,
-84.0008

■ 102.0740, 61.0955,
-89.5189

Harmonies

Analogous

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



194.0980, 11.2907, -28.1499



196.3530, 14.6160, -21.3576



198.6150, 13.9938, -8.4324

Triad

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



196.3530, 14.6160, -21.3576



201.8290, -3.8597, 24.7060



196.3230, -10.0192, -6.4223

Complementary

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



196.3530, 14.6160, -21.3576



201.6470, -14.6160, 21.3576

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.



197.4880, -13.5516, 6.5880



196.3530, 14.6160, -21.3576



201.1080, -10.4062, 24.4613

Square

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



196.3530, 14.6160, -21.3576



201.7340, 3.5821, 17.7733



199.8530, -13.7315, 17.6689



194.6680, -3.2873, -19.0028

Rectangle

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



196.3530, 14.6160, -21.3576



200.3990, 11.6353, 1.4041



199.8530, -13.7315, 17.6689



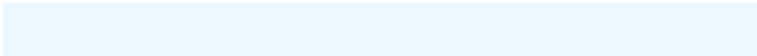
196.3020, -11.4879, -2.0189

Sweetspot

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



196.3530, 14.6160, -21.3576



244.9220, 4.9685, -6.9476



206.3200, -5.5808, -30.0986



121.7760, 3.0684, -4.1886



0.0000, 0.0000, 0.0000



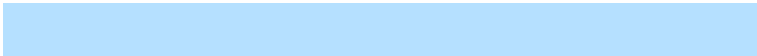
128.0000, 0.0000, 0.0000

Same Dimension

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



196.3530, 14.6160, -21.3576



214.6770, 19.8792, -29.5347



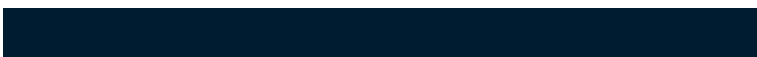
180.5040, 22.4295, -7.4580



105.7760, 3.0684, -4.1886



79.3510, 47.6480, -69.5908



21.9080, 12.8634, -19.2133

Inverse Universe

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



191.6800, 5.5808, 30.0986



208.0280, 7.8742, 41.1944



217.4960, -22.4295, 7.4580



104.9730, 0.9993, 6.1627



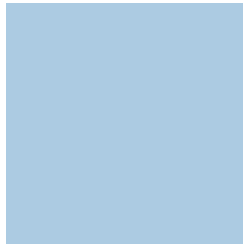
64.1380, 18.1730, 98.1030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 196.3530, 14.6160, -21.3576 looks on a white background.

Color Contrast Check

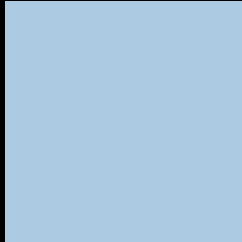
Large Text (above 18pt) WCAG AA × Fail

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 196.3530, 14.6160, -21.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

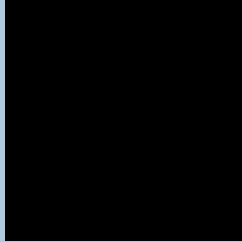
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

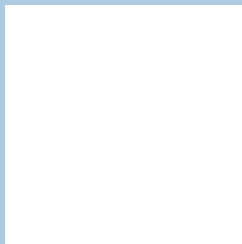
Any Text WCAG AAA ✓ Pass

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

YUV 196.3530, 14.6160, -21.3576 Background



This preview shows how black text looks on a background with the YUV color 196.3530, 14.6160, -21.3576.



This preview shows how white text looks on a background with the YUV color 196.3530, 14.6160, -21.3576.

-21.3576.

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

196.3530, 14.6160, -21.3576

Protanopia

199.2520, 11.2148, -3.7290

Deuteranopia

200.2790, 13.6665, 3.2633



Tritanopia

195.9570, 11.8532, -21.8873

Trichromacy



Original Color

196.3530, 14.6160, -21.3576

Protanomaly

198.1480, 12.2520, -9.7768

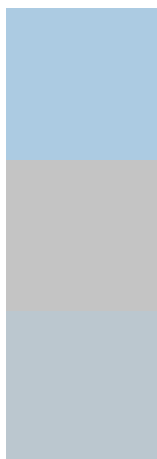
Deuteranomaly

198.9250, 13.8410, -6.0732

Tritanomaly

196.1850, 12.7268, -22.0872

Monochromacy



Original Color

196.3530, 14.6160, -21.3576

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3530, 14.6160, -21.3576 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(172, 203, 226)` looks like.

```
.text, #text, p{  
    color:rgb(172, 203, 226)  
}
```

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(172, 203, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 203, 226) }
```

Border

The CSS property to change the border of an element to YUV 196.3530, 14.6160, -21.3576 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(172, 203, 226) }
```


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

```
.border{ border-color:rgb(172, 203, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 203, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 203, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 203, 226);  
box-shadow:4px 4px 4px 4px rgb(172, 203,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 196.3530, 14.6160, -21.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 203, 226) }
```

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

```
.background{ background-color: rgb(172,  
203, 226) }
```

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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