

Converting Colors

YUV(202.2280, 14.1846,
-23.0020)

Have a look what the booklet for
YUV(202.2280, 14.1846, -23.0020)
contains.

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Color

**YUV(202.2280, 14.1846,
-23.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D2E7
RGB	176, 210, 231
RGB Percent	69%, 82%, 91%
CMY	0.3098, 0.1765, 0.0941
CMYK	0.24, 0.09, 0.00, 0.09
HSL	203°, 53%, 80%
HSV	203°, 24%, 91%
XYZ	55.3749, 61.0928, 84.4748
YIQ	202.2280, -27.0050, -0.6770

Conversions

Conversions Part 2

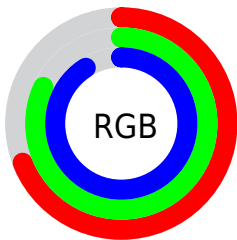
Format	Color
RYB	176, 197, 231
Decimal	11588327
CIELab	82.43, -6.66, -14.07
CIELCh	82, 15.567, 244.669
Yxy	61.0928, 0.2756, 0.3040
Android (android.graphics.Color)	4289778407 (0xFFB0D2E7)
YUV	202.2280, 14.1846, -23.0020
Hunter-Lab	78.1619, -10.3225, -9.3654

Details

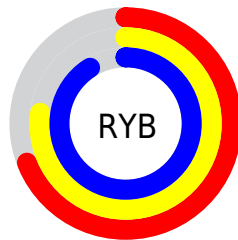
The YUV color $202.2280, 14.1846, -23.0020$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $204.7720, -14.1846, 23.0020$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $148.0000, 13.3110, -22.8020$ is the 20% darker color. If you saturate the color by 10%, you get $190.0680, 20.1795, -32.5086$, and if you desaturate by 10%, it is $214.3880, 8.1897, -13.4953$.

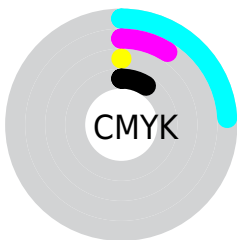
Distribution



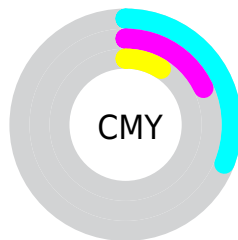
- Red (69%)
- Green (82%)
- Blue (91%)



- Red (69%)
- Yellow (77%)
- Blue (91%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.2280, 14.1846, -23.0020 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 202.2280, 14.1846, -23.0020 by changing the saturation by 10% instead.

■ 202.2280, 14.1846,
-23.0020

■ 202.2280, 14.1846,
-23.0020

255.0000, 0.0000,
0.0000

■ 174.5270, 14.0372,
-22.3872

■ 248.1230, 3.3904,
-14.1399

■ 148.0000, 13.3110,
-22.8020

■ 122.2990, 13.1636,
-22.1872

■ 96.5980, 13.0162,
-21.5724

■ 72.1850, 12.7268,
-22.0872

■ 48.4730, 12.5848,
-23.2168

■ 27.0600, 12.2954,

-23.7316

■ 12.3390, 9.1999,
-10.8213

■ 0.2280, 0.8736,
-0.2000

■ 202.2280, 14.1846,
-23.0020

■ 202.2280, 14.1846,
-23.0020

■ 190.0680, 20.1795,
-32.5086

■ 214.3880, 8.1897,
-13.4953

■ 177.9080, 26.1744,
-42.0153

■ 226.5480, 2.1948,
-3.9886

■ 166.3350, 31.8798,
-52.0368

■ 238.1210, -3.5107,
6.0329

■ 154.1750, 37.8747,
-61.5435

■ 246.3940, -7.5892,
7.5475

■ 141.7160, 44.0170,
-71.6649

■ 251.6770,
-10.1938, 2.9143

■ 129.5560, 50.0119,
-81.1716

■ 252.2640,
-10.4832, 2.3995

■ 117.3960, 56.0068,
-90.6783

■ 110.2750, 59.5174,
-96.7112

Harmonies

Analogous

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



200.4570, 10.1277, -28.4648



202.2280, 14.1846, -23.0020



205.0060, 14.2940, -11.4063

Triad

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



202.2280, 14.1846, -23.0020



207.8720, -2.4019, 23.7913



202.5190, -10.6089, -3.9632

Complementary

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



202.2280, 14.1846, -23.0020



204.7720, -14.1846, 23.0020

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.



204.6840, -14.1412, 9.0471



202.2280, 14.1846, -23.0020



207.1620, -8.9539, 25.2909

Square

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



202.2280, 14.1846, -23.0020



208.0650, 4.8980, 15.7290



205.9780, -13.3002, 19.3133



201.3370, -4.6031, -16.9585

Rectangle

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



202.2280, 14.1846, -23.0020



206.3170, 12.6617, -1.1550



205.9780, -13.3002, 19.3133



203.3840, -12.5143, 0.5402

Sweetspot

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



202.2280, 14.1846, -23.0020



245.5090, 4.6791, -7.4624



210.5650, -7.1805, -30.3135



122.3630, 2.7790, -4.7034



0.0000, 0.0000, 0.0000



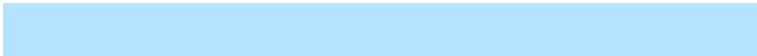
128.0000, 0.0000, 0.0000

Same Dimension

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



202.2280, 14.1846, -23.0020



216.4380, 19.0111, -31.0791



186.3790, 21.9982, -9.1024



108.4770, 3.2158, -4.8033



84.9760, 46.3538, -74.5240



24.5980, 13.0162, -21.5724

Inverse Universe

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



196.3210, 6.7437, 30.4135



208.3700, 9.1846, 40.8945



220.6210, -21.9982, 9.1024



107.3860, 1.2887, 6.6775



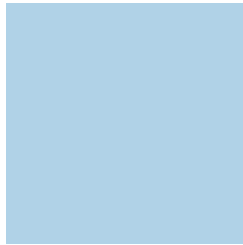
66.0610, 21.6619, 99.0475



18.8970, 6.4598, 28.1543

Previews

White Background



This preview shows how the YUV color 202.2280, 14.1846, -23.0020 looks on a white background.

Color Contrast Check

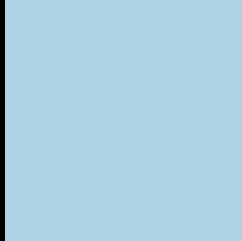
Large Text (above 18pt) WCAG AA × Fail

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 202.2280, 14.1846, -23.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

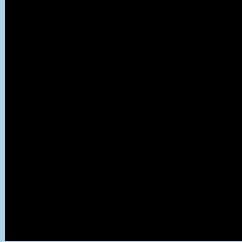
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.2280, 14.1846, -23.0020

Background



This preview shows how black text looks on a background with the YUV color 202.2280, 14.1846, -23.0020.



This preview shows how white text looks on a background with the YUV color 202.2280, 14.1846, -23.0020.

-23.0020.

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

202.2280, 14.1846, -23.0020

Protanopia

205.4370, 10.6306, -3.0142

Deuteranopia

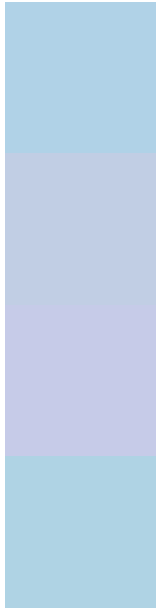
206.4640, 13.0822, 3.9781



Tritanopia

202.0600, 12.2954, -23.7316

Trichromacy



Original Color

202.2280, 14.1846, -23.0020

Protanomaly

204.6210, 11.5258, -10.1916

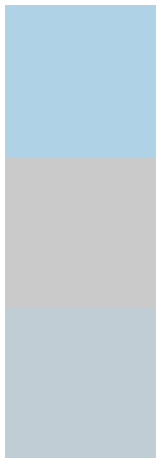
Deuteranomaly

204.8110, 13.4042, -5.9732

Tritanomaly

202.1740, 12.7322, -23.8316

Monochromacy



Original Color

202.2280, 14.1846, -23.0020

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.2280, 14.1846, -23.0020 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(176, 210, 231)` looks like.

```
.text, #text, p{  
    color:rgb(176, 210, 231)  
}
```

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(176, 210, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 210, 231) }
```

Border

The CSS property to change the border of an element to YUV 202.2280, 14.1846, -23.0020 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(176, 210, 231) }
```


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

```
.border{ border-color:rgb(176, 210, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 210, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 210, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 210, 231);  
box-shadow:4px 4px 4px 4px rgb(176, 210,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 202.2280, 14.1846, -23.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 210, 231) }
```

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

```
.background{ background-color: rgb(176,  
210, 231) }
```

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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