

Converting Colors

YUV(200.1640, 11.2581,
-17.6838)

Have a look what the booklet for
YUV(200.1640, 11.2581, -17.6838)
contains.

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Color

**YUV(200.1640, 11.2581,
-17.6838)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CEDF
RGB	180, 206, 223
RGB Percent	71%, 81%, 87%
CMY	0.2941, 0.1922, 0.1255
CMYK	0.19, 0.08, 0.00, 0.13
HSL	204°, 40%, 79%
HSV	204°, 19%, 87%
XYZ	54.2130, 59.1736, 78.3764
YIQ	200.1640, -20.9530, -0.2250

Conversions

Conversions Part 2

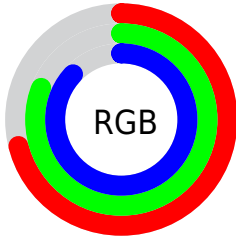
Format	Color
RYB	180, 196, 223
Decimal	11849439
CIELab	81.39, -5.11, -11.33
CIElCh	81, 12.432, 245.722
Yxy	59.1736, 0.2827, 0.3086
Android (android.graphics.Color)	4290039519 (0xFFB4CEDF)
YUV	200.1640, 11.2581, -17.6838
Hunter-Lab	76.9244, -8.8186, -6.5620

Details

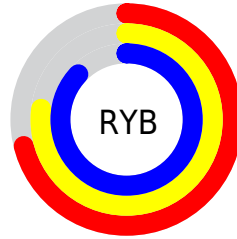
The YUV color $200.1640, 11.2581, -17.6838$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $202.8360, -11.2581, 17.6838$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, 2.8007, -11.6808$, and $146.3490, 10.6739, -16.9691$ is the 20% darker color. If you saturate the color by 10%, you get $188.3030, 17.1056, -26.5757$, and if you desaturate by 10%, it is $212.0250, 5.4107, -8.7919$.

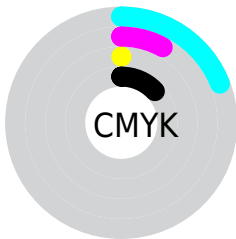
Distribution



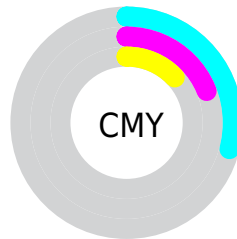
- Red (71%)
- Green (81%)
- Blue (87%)



- Red (71%)
- Yellow (77%)
- Blue (87%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.1640, 11.2581, -17.6838 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 200.1640, 11.2581, -17.6838 by changing the saturation by 10% instead.

■ 200.1640, 11.2581,
-17.6838

■ 200.1640, 11.2581,
-17.6838

255.0000, 0.0000,
0.0000

■ 173.0500, 10.8214,
-17.5838

■ 249.3190, 2.8007,
-11.6808

■ 146.3490, 10.6739,
-16.9691

■ 120.2350, 10.2371,
-16.8691

■ 95.2350, 10.2371,
-16.8691

■ 71.4200, 9.6529,
-16.1543

■ 48.1210, 9.8003,
-16.7691

■ 26.1100, 9.8058,

-18.5135

■ 8.7200, 8.0260,
-7.6474

■ 0.0000, 0.0000,
0.0000

■ 200.1640, 11.2581,
-17.6838

■ 200.1640, 11.2581,
-17.6838

■ 188.3030, 17.1056,
-26.5757

■ 212.0250, 5.4107,
-8.7919

■ 176.1430, 23.1005,
-36.0824

■ 224.1850, -0.5842,
0.7148

■ 164.8690, 28.6586,
-45.4891

■ 235.4590, -6.1423,
10.1215

■ 153.0080, 34.5061,
-54.3810

■ 243.1340, -9.9261,
10.4065

■ 141.1470, 40.3535,
-63.2729

■ 248.4170,
-12.5306, 5.7733

■ 128.9870, 46.3484,
-72.7796

■ 251.3520,
-13.9775, 3.1993

■ 117.1260, 52.1959,
-81.6715

■ 105.2650, 58.0434,
-90.5634

■ 104.6670, 58.3382,
-91.7930

Harmonies

Analogous

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



198.3330, 8.2168, -22.2170



200.1640, 11.2581, -17.6838



201.9310, 11.3730, -7.8325

Triad

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



200.1640, 11.2581, -17.6838



204.5510, -2.2436, 19.6878



200.3880, -8.5723, -3.8483

Complementary

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



200.1640, 11.2581, -17.6838



202.8360, -11.2581, 17.6838

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.



201.7700, -11.2256, 7.2177



200.1640, 11.2581, -17.6838



203.8840, -7.3378, 20.2727

Square

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



200.1640, 11.2581, -17.6838



205.0000, 3.4510, 13.1550



202.9390, -10.8159, 15.8395



199.0000, -3.4510, -13.1550

Rectangle

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



200.1640, 11.2581, -17.6838



203.5190, 9.6041, -0.4552



202.9390, -10.8159, 15.8395



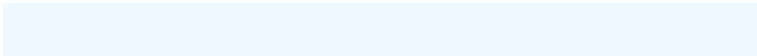
201.0680, -9.8935, -0.0596

Sweetspot

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



200.1640, 11.2581, -17.6838



246.9930, 3.9475, -6.1329



207.0650, -5.4550, -23.7360



122.9610, 2.4842, -3.4738



0.0000, 0.0000, 0.0000



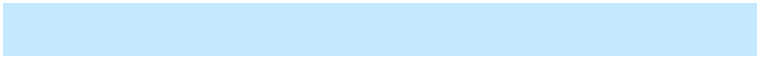
128.0000, 0.0000, 0.0000

Same Dimension

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



200.1640, 11.2581, -17.6838



223.8580, 15.3530, -24.4315



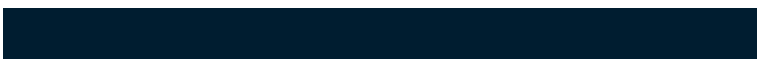
187.8370, 17.3354, -6.8730



106.3630, 2.7790, -4.7034



82.2860, 46.2010, -72.1648



22.4950, 12.5740, -19.7281

Inverse Universe

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



195.8210, 5.0182, 23.8360



217.7450, 7.0277, 32.6726



215.1630, -17.3354, 6.8730



105.0870, 1.4361, 6.0627



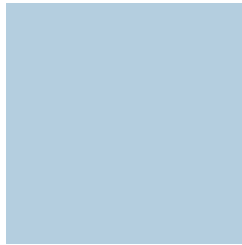
64.7080, 20.3570, 97.6031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 200.1640, 11.2581, -17.6838 looks on a white background.

Color Contrast Check

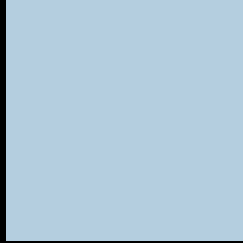
Large Text (above 18pt) WCAG AA × Fail

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 200.1640, 11.2581, -17.6838 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

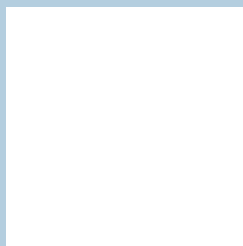
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.1640, 11.2581, -17.6838

Background



This preview shows how black text looks on a background with the YUV color 200.1640, 11.2581, -17.6838.



This preview shows how white text looks on a background with the YUV color 200.1640, 11.2581, -17.6838.

-17.6838.

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

200.1640, 11.2581, -17.6838

Protanopia

202.8670, 8.4466, -2.5144

Deuteranopia

203.7910, 10.4560, 6.3223



Tritanopia

200.1640, 11.2581, -17.6838

Trichromacy



Original Color

200.1640, 11.2581, -17.6838

Protanomaly

202.0620, 9.3364, -7.9474

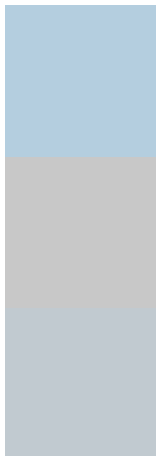
Deuteranomaly

202.7360, 10.4832, -2.3995

Tritanomaly

200.1640, 11.2581, -17.6838

Monochromacy



Original Color

200.1640, 11.2581, -17.6838

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9930, 3.9475, -6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.1640, 11.2581, -17.6838 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(180, 206, 223)` looks like.

```
.text, #text, p{  
    color:rgb(180, 206, 223)  
}
```

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(180, 206, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 206, 223) }
```

Border

The CSS property to change the border of an element to YUV 200.1640, 11.2581, -17.6838 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(180, 206, 223) }
```


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

```
.border{ border-color:rgb(180, 206, 223) }
```

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

Here you see how a box with a 4 pixel rgb(180, 206, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 206, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 206, 223);  
box-shadow:4px 4px 4px 4px rgb(180, 206,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 200.1640, 11.2581, -17.6838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 206, 223) }
```

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

```
.background{ background-color: rgb(180,  
206, 223) }
```

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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