

Converting Colors

YUV(199.0820, 12.2846,
-20.2429)

Have a look what the booklet for
YUV(199.0820, 12.2846, -20.2429)
contains.

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Color

**YUV(199.0820, 12.2846,
-20.2429)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CEE0
RGB	176, 206, 224
RGB Percent	69%, 81%, 88%
CMY	0.3098, 0.1922, 0.1216
CMYK	0.21, 0.08, 0.00, 0.12
HSL	202°, 44%, 78%
HSV	202°, 21%, 88%
XYZ	53.4303, 58.7545, 79.0457
YIQ	199.0820, -23.6580, -0.7620

Conversions

Conversions Part 2

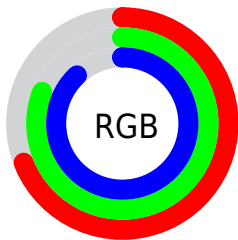
Format	Color
R _Y B	176, 194, 224
Decimal	11587296
CIE Lab	81.16, -6.12, -12.24
CIE LCh	81, 13.685, 243.420
Yxy	58.7545, 0.2794, 0.3072
Android (android.graphics.Color)	4289777376 (0xFFB0CEE0)
YUV	199.0820, 12.2846, -20.2429
Hunter-Lab	76.6515, -9.7158, -7.4858

Details

The YUV color $199.0820, 12.2846, -20.2429$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $200.9180, -12.2846, 20.2429$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $145.2670, 11.7004, -19.5282$ is the 20% darker color. If you saturate the color by 10%, you get $187.8080, 17.8427, -29.6496$, and if you desaturate by 10%, it is $210.3560, 6.7265, -10.8362$.

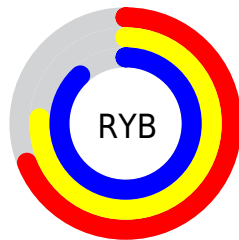
Distribution



Red (69%)

Green (81%)

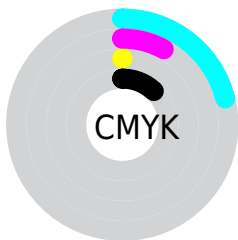
Blue (88%)



Red (69%)

Yellow (76%)

Blue (88%)

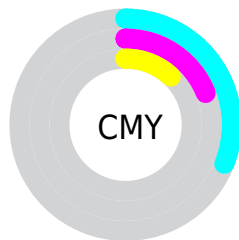


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (31%)

Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.0820, 12.2846, -20.2429 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 199.0820, 12.2846, -20.2429 by changing the saturation by 10% instead.

■ 199.0820, 12.2846,
-20.2429

■ 199.0820, 12.2846,
-20.2429

255.0000, 0.0000,
0.0000

■ 171.9680, 11.8478,
-20.1429

■ 248.1230, 3.3904,
-14.1399

■ 145.2670, 11.7004,
-19.5282

■ 119.1530, 11.2636,
-19.4282

■ 94.1530, 11.2636,
-19.4282

■ 70.0390, 10.8268,
-19.3282

■ 46.7400, 10.9742,
-19.9430

■ 24.6150, 10.5428,

-21.5874

■ 8.2470, 8.7522,
-7.2326

■ 0.0000, 0.0000,
0.0000

■ 199.0820, 12.2846,
-20.2429

■ 199.0820, 12.2846,
-20.2429

■ 187.8080, 17.8427,
-29.6496

■ 210.3560, 6.7265,
-10.8362

■ 175.6480, 23.8375,
-39.1563

■ 222.5160, 0.7316,
-1.3295

■ 164.3740, 29.3956,
-48.5630

■ 233.7900, -4.8265,
8.0772

■ 152.2140, 35.3905,
-58.0697

■ 242.6610, -9.1999,
10.8213

■ 140.9400, 40.9486,
-67.4764

■ 247.3570,
-11.5150, 6.7029

■ 129.6660, 46.5067,
-76.8831

■ 251.4660,
-13.5407, 3.0993

■ 117.5060, 52.5015,
-86.3898

■ 107.7160, 57.3280,
-94.4669

Harmonies

Analogous

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



197.7240, 8.5171, -25.1909



199.0820, 12.2846, -20.2429



201.2620, 12.6888, -9.8768

Triad

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



199.0820, 12.2846, -20.2429



204.2630, -2.1017, 20.8173



199.4590, -9.5933, -3.0335

Complementary

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



199.0820, 12.2846, -20.2429



200.9180, -12.2846, 20.2429

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.



201.1400, -12.3940, 8.6472



199.0820, 12.2846, -20.2429



203.7810, -7.7800, 22.1171

Square

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



199.0820, 12.2846, -20.2429



203.9400, 4.4666, 14.0846



202.4230, -11.5475, 17.1690



198.1740, -4.0298, -14.1846

Rectangle

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



199.0820, 12.2846, -20.2429



202.5620, 11.0619, -1.3699



202.4230, -11.5475, 17.1690



200.1390, -10.9145, 0.7551

Sweetspot

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



199.0820, 12.2846, -20.2429



246.9930, 3.9475, -6.1329



206.2280, -6.0284, -26.5100



122.9610, 2.4842, -3.4738



0.0000, 0.0000, 0.0000



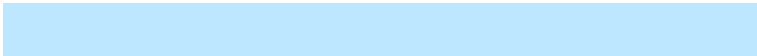
128.0000, 0.0000, 0.0000

Same Dimension

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



199.0820, 12.2846, -20.2429



220.5910, 16.9636, -27.7053



184.9940, 19.2300, -7.8877



106.3630, 2.7790, -4.7034



84.6340, 45.0434, -74.2240



23.0820, 12.2846, -20.2429

Inverse Universe

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



193.7720, 6.0284, 26.5100



213.4080, 8.1799, 36.4762



215.0060, -19.2300, 7.8877



105.0870, 1.4361, 6.0627



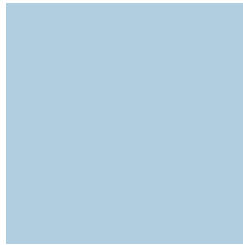
65.1640, 22.1041, 97.2032



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 199.0820, 12.2846, -20.2429 looks on a white background.

Color Contrast Check

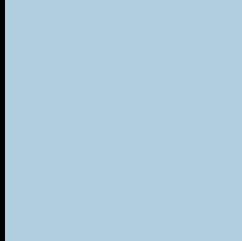
Large Text (above 18pt) WCAG AA × Fail

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 199.0820, 12.2846, -20.2429 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

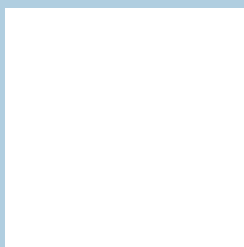
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.0820, 12.2846, -20.2429

Background



This preview shows how black text looks on a background with the YUV color 199.0820, 12.2846, -20.2429.



This preview shows how white text looks on a background with the YUV color 199.0820, 12.2846, -20.2429.

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

199.0820, 12.2846, -20.2429

Protanopia

201.9810, 8.8834, -2.6143

Deuteranopia

203.3070, 11.1876, 4.9928



Tritanopia

198.9680, 11.8478, -20.1429

Trichromacy



Original Color

199.0820, 12.2846, -20.2429

Protanomaly

200.8770, 9.9206, -8.6621

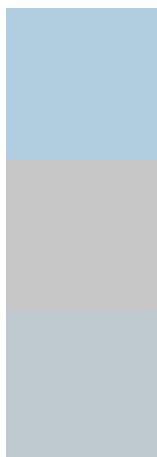
Deuteranomaly

201.9530, 11.3622, -4.3438

Tritanomaly

198.9680, 11.8478, -20.1429

Monochromacy



Original Color

199.0820, 12.2846, -20.2429

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.3950, 4.2423, -7.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.0820, 12.2846, -20.2429 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, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(176, 206, 224)  
}
```

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, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 206, 224) }
```

Border

The CSS property to change the border of an element to YUV 199.0820, 12.2846, -20.2429 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, 206, 224) }
```


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

```
.border{ border-color:rgb(176, 206, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 206, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(176, 206,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 199.0820, 12.2846, -20.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 206, 224) }
```

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

```
.background{ background-color: rgb(176,  
206, 224) }
```

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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