

Converting Colors

YUV(199.2370, 20.5892,
-23.8868)

Have a look what the booklet for
YUV(199.2370, 20.5892, -23.8868)
contains.

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Color

**YUV(199.2370, 20.5892,
-23.8868)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCDF1
RGB	172, 205, 241
RGB Percent	67%, 80%, 95%
CMY	0.3255, 0.1961, 0.0549
CMYK	0.29, 0.15, 0.00, 0.05
HSL	211°, 71%, 81%
HSV	211°, 29%, 95%
XYZ	54.7218, 58.7842, 91.6814
YIQ	199.2370, -31.2240, 4.2000

Conversions

Conversions Part 2

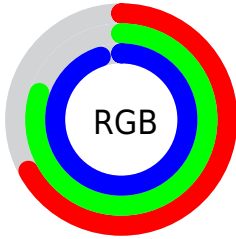
Format	Color
R _Y B	172, 194, 241
Decimal	11324913
CIE Lab	81.17, -2.90, -21.32
CIE LCh	81, 21.515, 262.265
Yxy	58.7842, 0.2667, 0.2865
Android (android.graphics.Color)	4289514993 (0xFFACCDF1)
YUV	199.2370, 20.5892, -23.8868
Hunter-Lab	76.6708, -6.7744, -17.2282

Details

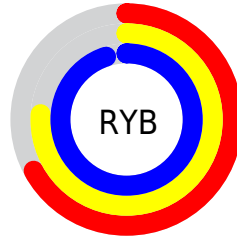
The YUV color $199.2370, 20.5892, -23.8868$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $213.7630, -20.5892, 23.8868$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.2260, 3.8326, -15.9842$, and $145.0090, 19.7156, -23.6869$ is the 20% darker color. If you saturate the color by 10%, you get $184.4300, 27.8890, -31.9491$, and if you desaturate by 10%, it is $214.0440, 13.2893, -15.8246$.

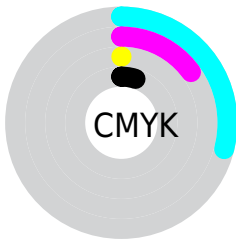
Distribution



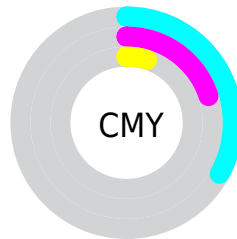
- Red (67%)
- Green (80%)
- Blue (95%)



- Red (67%)
- Yellow (76%)
- Blue (95%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (33%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.2370, 20.5892, -23.8868 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 199.2370, 20.5892, -23.8868 by changing the saturation by 10% instead.

■ 199.2370, 20.5892,
-23.8868

■ 199.2370, 20.5892,
-23.8868

255.0000, 0.0000,
0.0000

■ 172.1230, 20.1524,
-23.7869

■ 247.2260, 3.8326,
-15.9842

■ 145.0090, 19.7156,
-23.6869

■ 118.8950, 19.2788,
-23.5869

■ 93.4820, 18.9894,
-24.1017

■ 68.6560, 18.4106,
-25.1313

■ 44.0360, 18.7163,
-29.8496

■ 26.0970, 16.2212,

-22.8871

■ 9.5010, 13.5570,
-8.3324

■ 2.1830, 5.8258,
-1.9145

■ 199.2370, 20.5892,
-23.8868

■ 199.2370, 20.5892,
-23.8868

■ 184.4300, 27.8890,
-31.9491

■ 214.0440, 13.2893,
-15.8246

■ 170.2100, 34.8995,
-40.5262

■ 228.2640, 6.2788,
-7.2475

■ 155.4030, 42.1993,
-48.5884

■ 243.0710, -1.0210,
0.8147

■ 141.1830, 49.2098,
-57.1655

■ 253.4040, -6.1152,
1.3997

■ 126.0770, 56.6570,
-65.8425

■ 111.8570, 63.6675,
-74.4196

■ 97.0500, 70.9673,
-82.4819

■ 94.9790, 71.9884,
-83.2966

Harmonies

Analogous

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



195.2800, 18.5960, -37.9566



199.2370, 20.5892, -23.8868



202.6740, 17.9087, -4.0991

Triad

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



199.2370, 20.5892, -23.8868



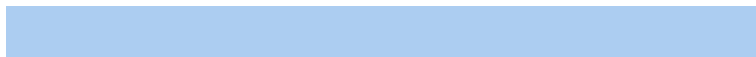
204.6300, -8.6916, 34.5275



196.5560, -10.1341, -16.2736

Complementary

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



199.2370, 20.5892, -23.8868



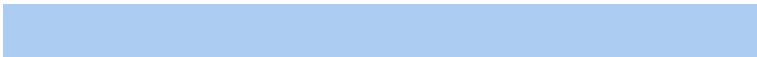
213.7630, -20.5892, 23.8868

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.



199.1300, -17.3191, 1.6400



199.2370, 20.5892, -23.8868



203.3600, -15.9535, 30.3793

Square

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



199.2370, 20.5892, -23.8868



205.5290, 1.2182, 29.3541



201.0720, -19.2625, 18.3539



194.5030, 0.2450, -32.0131

Rectangle

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



199.2370, 20.5892, -23.8868



204.4970, 13.0660, 9.2111



201.0720, -19.2625, 18.3539



197.7910, -13.2080, -10.3407

Sweetspot

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



199.2370, 20.5892, -23.8868



241.0790, 6.8631, -7.9623



216.6070, -4.2433, -39.1203



118.8190, 4.5262, -5.1033



0.0000, 0.0000, 0.0000



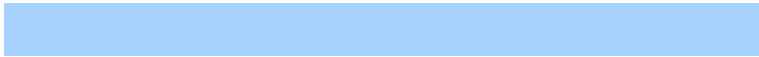
128.0000, 0.0000, 0.0000

Same Dimension

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



199.2370, 20.5892, -23.8868



202.5720, 25.8470, -30.3196



180.1650, 29.9917, -6.2837



112.8900, 3.5052, -4.2885



72.6320, 54.9044, -63.6983



22.2330, 16.6471, -19.4983

Inverse Universe

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



196.3930, 4.2433, 39.1203



198.8010, 5.5211, 49.2865



232.8350, -29.9917, 6.2837



112.2720, 0.8519, 6.7775



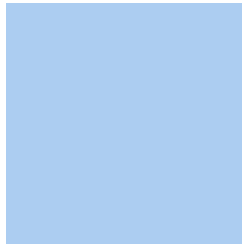
65.0480, 11.3153, 104.3209



19.8220, 3.5388, 31.7281

Previews

White Background



This preview shows how the YUV color 199.2370, 20.5892, -23.8868 looks on a white background.

Color Contrast Check

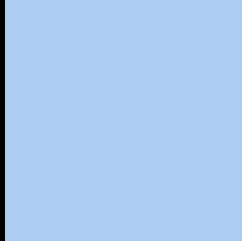
Large Text (above 18pt) WCAG AA × Fail

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 199.2370, 20.5892, -23.8868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

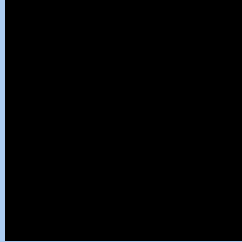
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

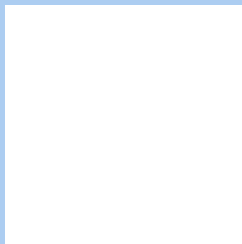
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.2370, 20.5892, -23.8868

Background



This preview shows how black text looks on a background with the YUV color 199.2370, 20.5892, -23.8868.



This preview shows how white text looks on a background with the YUV color 199.2370, 20.5892, -23.8868.

-23.8868.

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

199.2370, 20.5892, -23.8868

Protanopia

201.8370, 17.3354, -6.8730

Deuteranopia

203.1410, 19.6505, -2.7547



Tritanopia

197.8640, 12.8850, -26.1907

Trichromacy



Original Color

199.2370, 20.5892, -23.8868

Protanomaly

200.7330, 18.3726, -12.9208

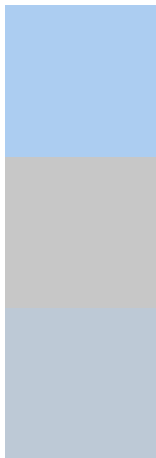
Deuteranomaly

201.7980, 19.8196, -10.3468

Tritanomaly

198.2600, 15.6478, -25.6610

Monochromacy



Original Color

199.2370, 20.5892, -23.8868

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8940, 7.4473, -8.6770

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.2370, 20.5892, -23.8868 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, 205, 241)` looks like.

```
.text, #text, p{  
    color:rgb(172, 205, 241)  
}
```

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, 205, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 205, 241) }
```

Border

The CSS property to change the border of an element to YUV 199.2370, 20.5892, -23.8868 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, 205, 241) }
```


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

```
.border{ border-color:rgb(172, 205, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 205, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 205, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 205, 241);  
box-shadow:4px 4px 4px 4px rgb(172, 205,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 199.2370, 20.5892, -23.8868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 205, 241) }
```

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

```
.background{ background-color: rgb(172,  
205, 241) }
```

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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