

Converting Colors

YUV(171.8200, 29.6687,
-42.8151)

Have a look what the booklet for
YUV(171.8200, 29.6687, -42.8151)
contains.

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Color

**YUV(171.8200, 29.6687,
-42.8151)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB9E8
RGB	123, 185, 232
RGB Percent	48%, 73%, 91%
CMY	0.5176, 0.2745, 0.0902
CMYK	0.47, 0.20, 0.00, 0.09
HSL	206°, 70%, 70%
HSV	206°, 47%, 91%
XYZ	40.0828, 44.7351, 82.8661
YIQ	171.8200, -52.0390, 1.4730

Conversions

Conversions Part 2

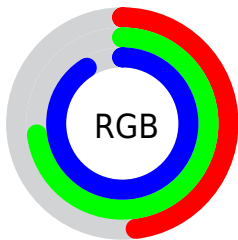
Format	Color
R _Y B	123, 163, 232
Decimal	8108520
CIE Lab	72.72, -7.45, -29.64
CIE LCh	73, 30.562, 255.894
Yxy	44.7351, 0.2390, 0.2668
Android (android.graphics.Color)	4286298600 (0xFF7BB9E8)
YUV	171.8200, 29.6687, -42.8151
Hunter-Lab	66.8843, -10.0749, -26.6382

Details

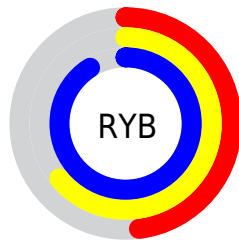
The YUV color **171.8200, 29.6687, -42.8151** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **183.1800, -29.6687, 42.8151**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3570, 15.1070, -38.9011**, and **116.9830, 29.0954, -45.5891** is the 20% darker color. If you saturate the color by 10%, you get **159.0730, 35.9530, -51.8070**, and if you desaturate by 10%, it is **184.5670, 23.3845, -33.8233**.

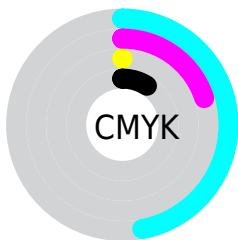
Distribution



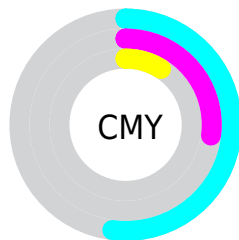
- Red (48%)
- Green (73%)
- Blue (91%)



- Red (48%)
- Yellow (64%)
- Blue (91%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (52%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8200, 29.6687, -42.8151 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 171.8200, 29.6687, -42.8151 by changing the saturation by 10% instead.

■ 171.8200, 29.6687,
-42.8151

■ 171.8200, 29.6687,
-42.8151

255.0000, 0.0000,
0.0000

■ 144.4070, 29.3793,
-43.3299

■ 224.3570, 15.1070,
-38.9011

■ 116.9830, 29.0954,
-45.5891

■ 241.2460, 6.7807,
-28.2797

■ 89.0640, 29.5484,
-50.9221

■ 250.2160, 2.3585,
-9.8364

■ 62.7430, 29.7067,
-55.0256

■ 46.3920, 25.4427,
-40.6858

■ 30.7420, 21.3262,
-26.9607

■ 16.3800, 17.0677,

-14.3653

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 171.8200, 29.6687,
-42.8151

■ 171.8200, 29.6687,
-42.8151

■ 159.0730, 35.9530,
-51.8070

■ 184.5670, 23.3845,
-33.8233

■ 146.3260, 42.2373,
-60.7989

■ 197.3140, 17.1002,
-24.8314

■ 133.2800, 48.6690,
-70.4056

■ 210.3600, 10.6685,
-15.2247

■ 120.5330, 54.9532,
-79.3974

■ 223.1070, 4.3842,
-6.2328

■ 107.7860, 61.2375,
-88.3893

■ 235.8540, -1.9000,
2.7590

■ 103.9320, 63.1375,
-91.1484

■ 246.5080, -7.1524,
7.4475

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



164.7760, 26.2394, -62.9476



171.8200, 29.6687, -42.8151



178.7960, 26.2296, -12.9761

Triad

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



171.8200, 29.6687, -42.8151



181.7070, -8.7296, 46.7380



171.9380, -16.2384, -18.3626

Complementary

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



171.8200, 29.6687, -42.8151



183.1800, -29.6687, 42.8151

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.



175.1000, -25.1923, 6.9283



171.8200, 29.6687, -42.8151



179.9980, -20.2120, 42.9748

Square

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



171.8200, 29.6687, -42.8151



182.6100, 5.1223, 37.1760



178.0040, -26.1310, 28.0605



167.5680, -1.7590, -42.5941

Rectangle

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



171.8200, 29.6687, -42.8151



181.5490, 20.9283, 7.4115



178.0040, -26.1310, 28.0605



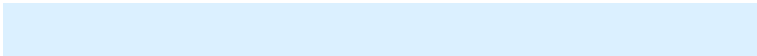
173.2550, -20.3387, -9.8706

Sweetspot

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



171.8200, 29.6687, -42.8151



235.4310, 9.6475, -14.4100



192.1130, -11.8877, -60.6121



115.5520, 6.1369, -8.3771



0.0000, 0.0000, 0.0000



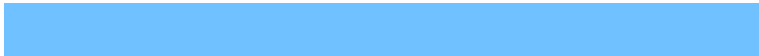
128.0000, 0.0000, 0.0000

Same Dimension

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



171.8200, 29.6687, -42.8151



175.8490, 39.0214, -55.9956



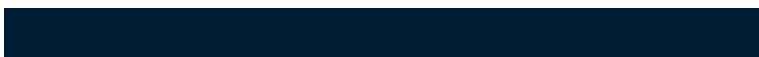
140.7090, 45.0065, -15.5308



108.4770, 3.2158, -4.8033



80.2800, 48.6690, -70.4056



22.8370, 13.8844, -20.0280

Inverse Universe

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



162.6590, 11.0141, 60.8121



163.9910, 14.3014, 79.8149



214.2910, -45.0065, 15.5308



107.3860, 1.2887, 6.6775



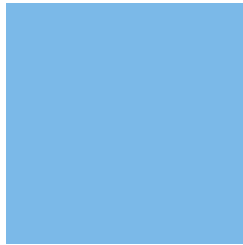
65.1490, 18.1675, 99.8473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 171.8200, 29.6687, -42.8151 looks on a white background.

Color Contrast Check

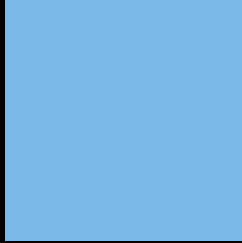
Large Text (above 18pt) WCAG AA × Fail

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 171.8200, 29.6687, -42.8151 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

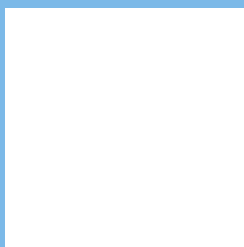
Any Text WCAG AAA ✓ Pass

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

YUV 171.8200, 29.6687, -42.8151 Background



This preview shows how black text looks on a background with the YUV color 171.8200, 29.6687, -42.8151.



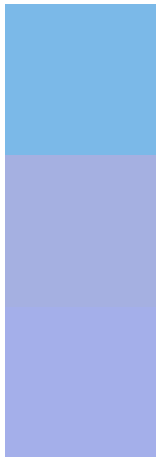
This preview shows how white text looks on a background with the YUV color 171.8200, 29.6687, -42.8151.

-42.8151.

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

171.8200, 29.6687, -42.8151

Protanopia

178.2970, 23.0246, -11.6615

Deuteranopia

178.4370, 27.3926, -12.6612



Tritanopia

169.2850, 17.6075, -47.6079

Trichromacy



Original Color

171.8200, 29.6687, -42.8151

Protanomaly

175.9150, 25.6779, -22.7275

Deuteranomaly

176.1860, 28.0093, -23.8421

Tritanomaly

170.1480, 22.1120, -45.7338

Monochromacy



Original Color

171.8200, 29.6687, -42.8151

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0610, 10.8159, -15.8395

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8200, 29.6687, -42.8151 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(123, 185, 232)` looks like.

```
.text, #text, p{  
    color:rgb(123, 185, 232)  
}
```

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(123, 185, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 185, 232) }
```

Border

The CSS property to change the border of an element to YUV 171.8200, 29.6687, -42.8151 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(123, 185, 232) }
```


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

```
.border{ border-color:rgb(123, 185, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 185, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 185, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 185, 232);  
box-shadow:4px 4px 4px 4px rgb(123, 185,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 171.8200, 29.6687, -42.8151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 185, 232) }
```

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

```
.background{ background-color: rgb(123,  
185, 232) }
```

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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