

Converting Colors

YUV(203.2850, 24.5095,
-21.2979)

Have a look what the booklet for
YUV(203.2850, 24.5095, -21.2979)
contains.

YUV(203.2850, 24.5095, -21.2979)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(203.2850, 24.5095,
-21.2979)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CEFD
RGB	179, 206, 253
RGB Percent	70%, 81%, 99%
CMY	0.2980, 0.1922, 0.0078
CMYK	0.29, 0.19, 0.00, 0.01
HSL	218°, 95%, 85%
HSV	218°, 29%, 99%
XYZ	58.3913, 60.8182, 101.5900
YIQ	203.2850, -31.1790, 8.8930

Conversions

Conversions Part 2

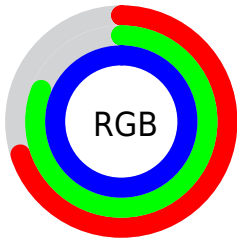
Format	Color
R _Y B	179, 199, 253
Decimal	11783933
CIE Lab	82.28, 1.43, -25.98
CIE LCh	82, 26.020, 273.140
Yxy	60.8182, 0.2645, 0.2754
Android (android.graphics.Color)	4289974013 (0xFFB3CEFD)
YUV	203.2850, 24.5095, -21.2979
Hunter-Lab	77.9860, -2.8252, -22.6451

Details

The YUV color $203.2850, 24.5095, -21.2979$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $228.7150, -24.5095, 21.2979$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, 2.8007, -11.6808$, and $148.6440, 23.3465, -21.6128$ is the 20% darker color. If you saturate the color by 10%, you get $186.4180, 32.8249, -28.4306$, and if you desaturate by 10%, it is $220.1520, 16.1941, -14.1653$.

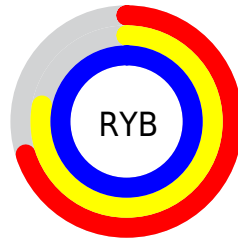
Distribution



Red (70%)

Green (81%)

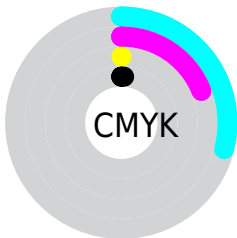
Blue (99%)



Red (70%)

Yellow (78%)

Blue (99%)

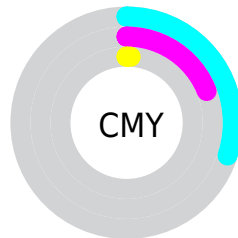


Cyan (29%)

Magenta (19%)

Yellow (0%)

Black (1%)



Cyan (30%)

Magenta (19%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.2850, 24.5095, -21.2979 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 203.2850, 24.5095, -21.2979 by changing the saturation by 10% instead.

■ 203.2850, 24.5095,
-21.2979

■ 203.2850, 24.5095,
-21.2979

255.0000, 0.0000,
0.0000

■ 175.7580, 23.7833,
-21.7128

■ 249.3190, 2.8007,
-11.6808

■ 148.6440, 23.3465,
-21.6128

■ 122.5300, 22.9097,
-21.5128

■ 97.0030, 22.1835,
-21.9276

■ 72.2910, 22.0415,
-23.0572

■ 47.8560, 21.7630,
-27.0607

■ 27.7100, 19.8630,

-24.3017

■ 11.1140, 17.1988,
-9.7470

■ 3.3230, 10.1938,
-2.9143

■ 203.2850, 24.5095,
-21.2979

■ 203.2850, 24.5095,
-21.2979

■ 186.4180, 32.8249,
-28.4306

■ 220.1520, 16.1941,
-14.1653

■ 169.2520, 41.2878,
-36.1780

■ 237.3180, 7.7312,
-6.4179

■ 152.3850, 49.6032,
-43.3106

■ 254.1850, -0.5842,
0.7148

■ 135.5180, 57.9186,
-50.4433

■ 254.7720, -0.8736,
0.2000

■ 118.3520, 66.3815,
-58.1907

■ 101.4850, 74.6969,
-65.3233

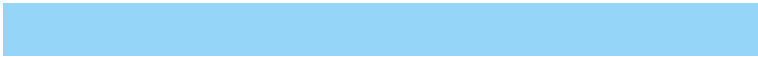
■ 84.6180, 83.0123,
-72.4560

■ 82.8460, 83.8859,
-72.6559

Harmonies

Analogous

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



197.7400, 24.2852, -42.7450



203.2850, 24.5095, -21.2979



207.6580, 18.9026, 3.8079

Triad

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



203.2850, 24.5095, -21.2979



207.2950, -13.9494, 40.9603



197.1740, -7.4808, -27.3396

Complementary

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



203.2850, 24.5095, -21.2979



228.7150, -24.5095, 21.2979

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.



200.4450, -18.4604, -5.6523



203.2850, 24.5095, -21.2979



205.8780, -21.6319, 31.6790

Square

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



203.2850, 24.5095, -21.2979



208.5580, -2.7401, 38.9756



203.3120, -23.3248, 14.6354



194.7940, 5.5246, -45.4233

Rectangle

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



203.2850, 24.5095, -21.2979



208.4490, 12.5966, 19.7772



203.3120, -23.3248, 14.6354



198.4800, -11.5756, -20.5920

Sweetspot

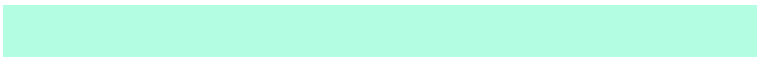
The Sweet Spot groups the original color and five complimentary colors.



203.2850, 24.5095, -21.2979



239.3180, 7.7312, -6.4179



227.7960, -0.8854, -42.7941



118.2320, 4.8156, -4.5885



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.



203.2850, 24.5095, -21.2979



194.9300, 29.6145, -25.3716



190.4260, 30.8490, -1.2506



118.8300, 4.5208, -3.3589



62.8640, 63.1710, -55.1317



20.7970, 21.2991, -18.2390

Inverse Universe

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



204.2040, 0.8854, 42.7941



196.2590, 0.8583, 51.5159



241.5740, -30.8490, 1.2506



119.3430, -0.1691, 7.5922



65.0890, 2.4211, 110.4239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 203.2850, 24.5095, -21.2979 looks on a white background.

Color Contrast Check

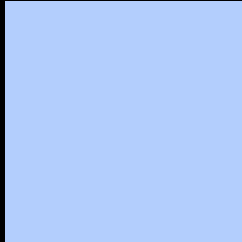
Large Text (above 18pt) WCAG AA × Fail

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 203.2850, 24.5095, -21.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

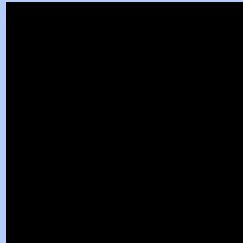
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

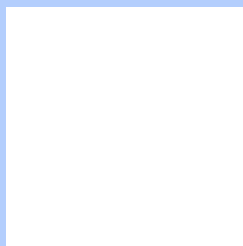
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.2850, 24.5095, -21.2979

Background



This preview shows how black text looks on a background with the YUV color 203.2850, 24.5095, -21.2979.



This preview shows how white text looks on a background with the YUV color 203.2850, 24.5095, -21.2979.

-21.2979.

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

203.2850, 24.5095, -21.2979

Protanopia

204.7810, 22.2930, -10.3319

Deuteranopia

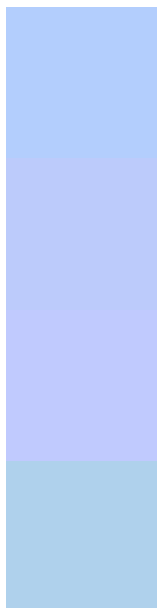
205.8570, 23.7345, -6.0136



Tritanopia

200.8750, 12.8796, -24.4464

Trichromacy



Original Color

203.2850, 24.5095, -21.2979

Protanomaly

203.9870, 23.1774, -14.0206

Deuteranomaly

204.9380, 24.1876, -11.3466

Tritanomaly

201.9120, 16.8054, -23.6018

Monochromacy



Original Color

203.2850, 24.5095, -21.2979

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.9480, 8.8996, -7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.2850, 24.5095, -21.2979 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(179, 206, 253)` looks like.

```
.text, #text, p{  
    color:rgb(179, 206, 253)  
}
```

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(179, 206, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 206, 253) }
```

Border

The CSS property to change the border of an element to YUV 203.2850, 24.5095, -21.2979 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(179, 206, 253) }
```


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

```
.border{ border-color:rgb(179, 206, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 206, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 206, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 206, 253); box-shadow:4px 4px 4px 4px rgb(179, 206, 253) }
```

Background

The CSS property to change the background color of an element to YUV 203.2850, 24.5095, -21.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 206, 253) }
```

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

```
.background{ background-color: rgb(179,  
206, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor