

Converting Colors

YUV(170.5790, 21.8996,
-24.1868)

Have a look what the booklet for
YUV(170.5790, 21.8996, -24.1868)
contains.

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Color

**YUV(170.5790, 21.8996,
-24.1868)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB0D7
RGB	143, 176, 215
RGB Percent	56%, 69%, 84%
CMY	0.4392, 0.3098, 0.1569
CMYK	0.33, 0.18, 0.00, 0.16
HSL	213°, 47%, 70%
HSV	213°, 33%, 84%
XYZ	39.1188, 41.7966, 70.2958
YIQ	170.5790, -32.1870, 5.1330

Conversions

Conversions Part 2

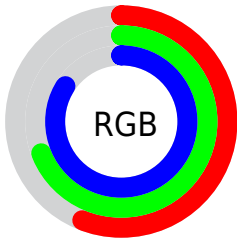
Format	Color
R_{YB}	143, 166, 215
Decimal	9416919
CIE _{Lab}	70.73, -1.92, -23.32
CIE _{LCh}	71, 23.400, 265.304
Yxy	41.7966, 0.2587, 0.2764
Android (android.graphics.Color)	4287606999 (0xFF8FB0D7)
YUV	170.5790, 21.8996, -24.1868
Hunter-Lab	64.6503, -5.1308, -19.2122

Details

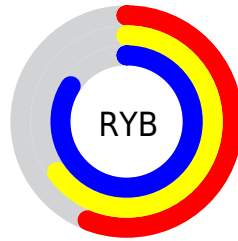
The YUV color $170.5790, 21.8996, -24.1868$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $187.4210, -21.8996, 24.1868$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.4560, 15.0582, -23.2019$, and $117.9380, 20.7366, -24.5016$ is the 20% darker color. If you saturate the color by 10%, you get $157.2560, 28.4678, -30.9195$, and if you desaturate by 10%, it is $184.2010, 15.1839, -16.8393$.

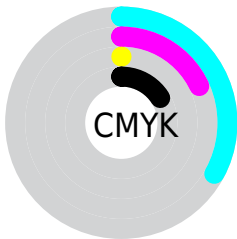
Distribution



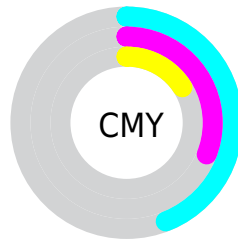
- Red (56%)
- Green (69%)
- Blue (84%)



- Red (56%)
- Yellow (65%)
- Blue (84%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5790, 21.8996, -24.1868 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 170.5790, 21.8996, -24.1868 by changing the saturation by 10% instead.

■ 170.5790, 21.8996,
-24.1868

■ 170.5790, 21.8996,
-24.1868

255.0000, 0.0000,
0.0000

■ 143.4650, 21.4628,
-24.0868

■ 224.4560, 15.0582,
-23.2019

■ 117.9380, 20.7366,
-24.5016

■ 246.6280, 4.1274,
-17.2138

■ 92.5250, 20.4472,
-25.0164

■ 67.6990, 19.8684,
-26.0460

■ 41.8830, 20.7637,
-33.2234

■ 25.7380, 17.3842,
-22.5722

■ 8.5550, 15.0094,

-7.5027

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 170.5790, 21.8996,
-24.1868

■ 170.5790, 21.8996,
-24.1868

■ 157.2560, 28.4678,
-30.9195

■ 184.2010, 15.1839,
-16.8393

■ 144.2210, 34.8940,
-38.7818

■ 196.9370, 8.9051,
-9.5917

■ 130.5990, 41.6097,
-46.1293

■ 210.5590, 2.1894,
-2.2442

■ 117.2760, 48.1779,
-52.8621

■ 223.8820, -4.3788,
4.4885

■ 104.5400, 54.4568,
-60.1096

■ 236.9170,
-10.8051, 12.3508

■ 90.9180, 61.1724,
-67.4571

■ 245.1570,
-14.8674, 8.6323

■ 82.6230, 65.2619,
-72.4604

■ 250.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



166.0130, 20.2066, -41.2304



170.5790, 21.8996, -24.1868



174.6850, 17.9033, -2.3547

Triad

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



170.5790, 21.8996, -24.1868



176.0000, -9.8600, 35.9570



167.0610, -9.3971, -19.3475

Complementary

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



170.5790, 21.8996, -24.1868



187.4210, -21.8996, 24.1868

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.



170.0050, -17.7505, -0.0044



170.5790, 21.8996, -24.1868



174.6050, -17.5533, 30.1644

Square

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



170.5790, 21.8996, -24.1868



176.6110, 0.1918, 31.9132



172.1320, -20.2781, 17.4242



164.9370, 2.0031, -35.9017

Rectangle

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



170.5790, 21.8996, -24.1868



176.2200, 13.2025, 12.0851



172.1320, -20.2781, 17.4242



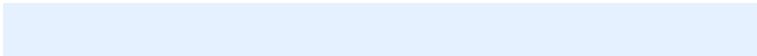
168.2960, -12.4709, -13.4146

Sweetspot

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



170.5790, 21.8996, -24.1868



239.3070, 7.7366, -8.1622



189.5960, -4.2378, -40.8647



117.9330, 4.9630, -5.2032



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.



170.5790, 21.8996, -24.1868



192.2170, 30.9520, -34.3933



151.8060, 31.1546, -5.9689



100.1890, 3.3578, -3.6738



65.2800, 52.1200, -57.2506



16.6420, 12.9945, -14.5950

Inverse Universe

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



168.2900, 3.8010, 40.9647



188.8560, 5.4940, 58.0083



206.1940, -31.1546, 5.9689



99.8590, 0.5625, 6.2627



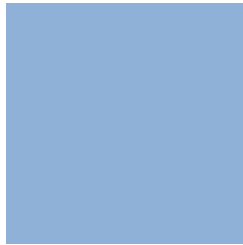
60.0210, 8.8636, 97.3286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 170.5790, 21.8996, -24.1868 looks on a white background.

Color Contrast Check

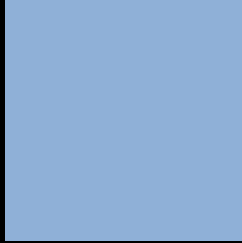
Large Text (above 18pt) WCAG AA × Fail

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 170.5790, 21.8996, -24.1868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

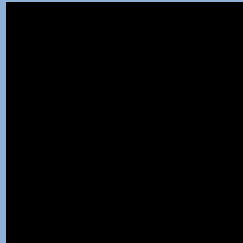
Any Text WCAG AA ✓ Pass

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 170.5790, 21.8996, -24.1868 Background



This preview shows how black text looks on a background with the YUV color 170.5790, 21.8996, -24.1868.



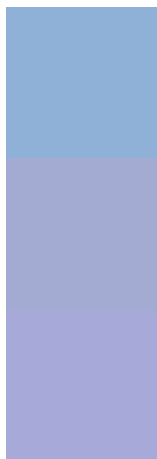
This preview shows how white text looks on a background with the YUV color 170.5790, 21.8996, -24.1868.

-24.1868.

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

170.5790, 21.8996, -24.1868

Protanopia

173.1680, 18.6512, -8.9173

Deuteranopia

173.7600, 20.8243, -5.9285



Tritanopia

169.0380, 12.3063, -27.2203

Trichromacy



Original Color

170.5790, 21.8996, -24.1868

Protanomaly

172.3630, 19.5410, -14.3504

Deuteranomaly

172.8300, 21.2828, -13.0059

Tritanomaly

169.9610, 15.7952, -26.2758

Monochromacy



Original Color

170.5790, 21.8996, -24.1868

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0080, 7.8841, -8.7770

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5790, 21.8996, -24.1868 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(143, 176, 215)` looks like.

```
.text, #text, p{  
    color:rgb(143, 176, 215)  
}
```

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(143, 176, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 176, 215) }
```

Border

The CSS property to change the border of an element to YUV 170.5790, 21.8996, -24.1868 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(143, 176, 215) }
```


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

```
.border{ border-color:rgb(143, 176, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 176, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 176, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 176, 215); box-shadow:4px 4px 4px 4px rgb(143, 176, 215) }
```

Background

The CSS property to change the background color of an element to YUV 170.5790, 21.8996, -24.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 176, 215) }
```

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

```
.background{ background-color: rgb(143,  
176, 215) }
```

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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