

Converting Colors

YUV(192.3180, 21.0422,
-29.2199)

Have a look what the booklet for
YUV(192.3180, 21.0422, -29.2199)
contains.

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Color

**YUV(192.3180, 21.0422,
-29.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC9EB
RGB	159, 201, 235
RGB Percent	62%, 79%, 92%
CMY	0.3765, 0.2118, 0.0784
CMYK	0.32, 0.14, 0.00, 0.08
HSL	207°, 66%, 77%
HSV	207°, 32%, 92%
XYZ	50.1801, 55.1424, 86.5960
YIQ	192.3180, -35.9460, 1.6700

Conversions

Conversions Part 2

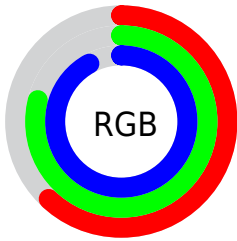
Format	Color
R _Y B	159, 186, 235
Decimal	10471915
CIE Lab	79.12, -5.90, -21.29
CIE LCh	79, 22.098, 254.508
Yxy	55.1424, 0.2615, 0.2873
Android (android.graphics.Color)	4288661995 (0xFF9FC9EB)
YUV	192.3180, 21.0422, -29.2199
Hunter-Lab	74.2579, -9.3292, -17.1606

Details

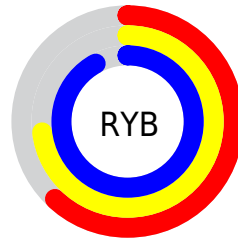
The YUV color **192.3180, 21.0422, -29.2199** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.6820, -21.0422, 29.2199**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, 5.8963, -24.5911**, and **138.0900, 20.1686, -29.0199** is the 20% darker color. If you saturate the color by 10%, you get **178.9840, 27.6159, -37.6970**, and if you desaturate by 10%, it is **205.9510, 14.3212, -20.1280**.

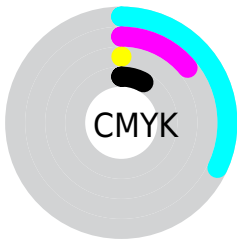
Distribution



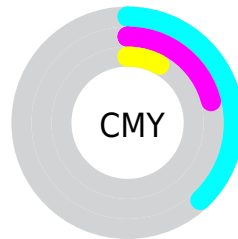
- Red (62%)
- Green (79%)
- Blue (92%)



- Red (62%)
- Yellow (73%)
- Blue (92%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.3180, 21.0422, -29.2199 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 192.3180, 21.0422, -29.2199 by changing the saturation by 10% instead.

■ 192.3180, 21.0422,
-29.2199

■ 192.3180, 21.0422,
-29.2199

255.0000, 0.0000,
0.0000

■ 165.2040, 20.6054,
-29.1199

■ 243.0400, 5.8963,
-24.5911

■ 138.0900, 20.1686,
-29.0199

■ 251.7110, 1.6215,
-6.7625

■ 111.9760, 19.7318,
-28.9200

■ 86.8510, 19.3005,
-30.5643

■ 61.2420, 19.6007,
-33.5382

■ 38.1280, 19.1639,
-33.4383

■ 23.7660, 14.9054,

-20.8428

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 192.3180, 21.0422,
-29.2199

■ 192.3180, 21.0422,
-29.2199

■ 178.9840, 27.6159,
-37.6970

■ 205.9510, 14.3212,
-20.1280

■ 165.9380, 34.0476,
-47.3036

■ 218.6980, 8.0369,
-11.1361

■ 152.6040, 40.6212,
-55.7807

■ 232.3310, 1.3158,
-2.0443

■ 139.5580, 47.0529,
-65.3874

■ 245.0780, -4.9685,
6.9476

■ 126.2240, 53.6266,
-73.8644

■ 252.1330, -8.4466,
2.5144

■ 113.1780, 60.0582,
-83.4711

■ 252.7200, -8.7360,
1.9996

■ 103.1000, 65.0267,
-90.4187

Harmonies

Analogous

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



188.9160, 17.2964, -41.1453



192.3180, 21.0422, -29.2199



195.9830, 19.2354, -9.6321

Triad

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



192.3180, 21.0422, -29.2199



199.6130, -6.2182, 34.5424



191.3070, -12.4764, -11.6702

Complementary

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



192.3180, 21.0422, -29.2199



201.6820, -21.0422, 29.2199

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.



194.1090, -18.7877, 6.0434



192.3180, 21.0422, -29.2199



198.0120, -14.7959, 32.4385

Square

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



192.3180, 21.0422, -29.2199



200.0880, 3.4076, 27.1098



196.3930, -19.4207, 22.4573



189.1290, -2.5286, -29.0541

Rectangle

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



192.3180, 21.0422, -29.2199



198.7460, 15.4082, 4.6078



196.3930, -19.4207, 22.4573



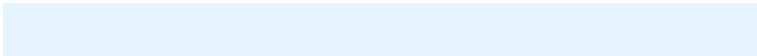
192.6560, -15.1134, -5.8373

Sweetspot

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



192.3180, 21.0422, -29.2199



241.0680, 6.8685, -9.7066



207.3740, -7.5794, -42.4240



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



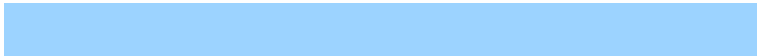
128.0000, 0.0000, 0.0000

Same Dimension

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



192.3180, 21.0422, -29.2199



199.5710, 27.3265, -38.2118



170.5990, 31.7497, -10.1723



110.7760, 3.0684, -4.1886



79.3340, 50.1213, -69.5759



23.7660, 14.9054, -20.8428

Inverse Universe

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



186.5120, 7.1426, 42.5240



191.8710, 9.4306, 55.3641



223.4010, -31.7497, 10.1723



109.9730, 0.9993, 6.1627



65.5190, 16.9991, 101.2768



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 192.3180, 21.0422, -29.2199 looks on a white background.

Color Contrast Check

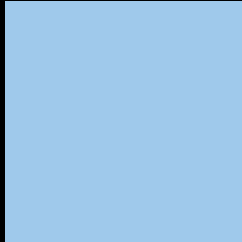
Large Text (above 18pt) WCAG AA × Fail

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 192.3180, 21.0422, -29.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

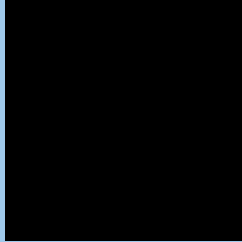
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.3180, 21.0422, -29.2199

Background



This preview shows how black text looks on a background with the YUV color 192.3180, 21.0422, -29.2199.



This preview shows how white text looks on a background with the YUV color 192.3180, 21.0422, -29.2199.

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

192.3180, 21.0422, -29.2199

Protanopia

196.3100, 16.6092, -7.2879

Deuteranopia

197.1410, 19.6505, -2.7547



Tritanopia

191.4720, 14.0643, -31.1089

Trichromacy



Original Color

192.3180, 21.0422, -29.2199

Protanomaly

195.0100, 18.2361, -15.7948

Deuteranomaly

195.4880, 19.9724, -12.7060

Tritanomaly

191.7540, 16.3903, -30.4793

Monochromacy



Original Color

192.3180, 21.0422, -29.2199

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.9970, 7.8895, -10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.3180, 21.0422, -29.2199 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(159, 201, 235)` looks like.

```
.text, #text, p{  
    color:rgb(159, 201, 235)  
}
```

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(159, 201, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 201, 235) }
```

Border

The CSS property to change the border of an element to YUV 192.3180, 21.0422, -29.2199 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(159, 201, 235) }
```


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

```
.border{ border-color:rgb(159, 201, 235) }
```

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

Here you see how a box with a 4 pixel rgb(159, 201, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 201, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 201, 235);  
box-shadow:4px 4px 4px 4px rgb(159, 201,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 192.3180, 21.0422, -29.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 201, 235) }
```

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

```
.background{ background-color: rgb(159,  
201, 235) }
```

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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