

Converting Colors

YUV(168.9940, 15.7790,
-21.0427)

Have a look what the booklet for
YUV(168.9940, 15.7790, -21.0427)
contains.

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Color

**YUV(168.9940, 15.7790,
-21.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	91AFC9
RGB	145, 175, 201
RGB Percent	57%, 69%, 79%
CMY	0.4314, 0.3137, 0.2118
CMYK	0.28, 0.13, 0.00, 0.21
HSL	208°, 34%, 68%
HSV	208°, 28%, 79%
XYZ	37.5496, 40.8967, 61.1731
YIQ	168.9940, -26.2260, 1.7260

Conversions

Conversions Part 2

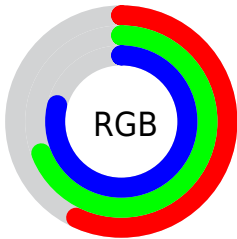
Format	Color
RYB	145, 165, 201
Decimal	9547721
CIELab	70.10, -4.25, -16.58
CIELCh	70, 17.113, 255.605
Yxy	40.8967, 0.2689, 0.2929
Android (android.graphics.Color)	4287737801 (0xFF91AFC9)
YUV	168.9940, 15.7790, -21.0427
Hunter-Lab	63.9506, -7.1042, -11.9496

Details

The YUV color **168.9940, 15.7790, -21.0427** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **177.0060, -15.7790, 21.0427**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8800, 15.3422, -20.9428**, and **116.7660, 14.9054, -20.8428** is the 20% darker color. If you saturate the color by 10%, you get **157.7310, 21.3316, -28.7051**, and if you desaturate by 10%, it is **180.2570, 10.2263, -13.3804**.

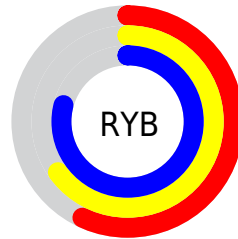
Distribution



Red (57%)

Green (69%)

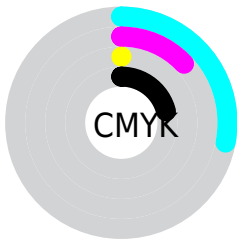
Blue (79%)



Red (57%)

Yellow (65%)

Blue (79%)

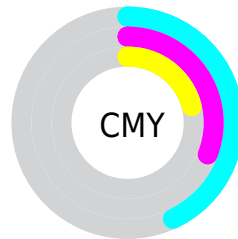


Cyan (28%)

Magenta (13%)

Yellow (0%)

Black (21%)



Cyan (43%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9940, 15.7790, -21.0427 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 168.9940, 15.7790, -21.0427 by changing the saturation by 10% instead.

■ 168.9940, 15.7790,
-21.0427

■ 168.9940, 15.7790,
-21.0427

255.0000, 0.0000,
0.0000

■ 142.2930, 15.6316,
-20.4280

■ 223.8800, 15.3422,
-20.9428

■ 116.7660, 14.9054,
-20.8428

■ 246.9270, 3.9800,
-16.5990

■ 91.6520, 14.4686,
-20.7428

■ 67.2390, 14.1792,
-21.2576

■ 44.2280, 14.1846,
-23.0020

■ 23.8970, 12.8688,
-20.9577

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 168.9940, 15.7790,
-21.0427

■ 168.9940, 15.7790,
-21.0427

■ 157.7310, 21.3316,
-28.7051

■ 180.2570, 10.2263,
-13.3804

■ 145.8810, 27.1737,
-35.8526

■ 192.1070, 4.3842,
-6.2328

■ 134.6180, 32.7263,
-43.5150

■ 203.3700, -1.1684,
1.4295

■ 123.3550, 38.2790,
-51.1773

■ 214.6330, -6.7211,
9.0919

■ 111.5050, 44.1210,
-58.3249

■ 226.7820,
-12.7105, 16.8542

■ 99.9430, 49.8211,
-66.6020

■ 234.7560,
-16.6417, 17.7540

■ 88.6800, 55.3738,
-74.2644

■ 240.0390,
-19.2462, 13.1208

■ 86.3100, 56.5422,
-75.6939

■ 245.9090,
-22.1401, 7.9728

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



166.5430, 13.0433, -30.2942



168.9940, 15.7790, -21.0427



172.0390, 14.2778, -6.1732

Triad

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



168.9940, 15.7790, -21.0427



174.1990, -5.0281, 26.1355



167.8280, -9.2822, -9.4962

Complementary

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



168.9940, 15.7790, -21.0427



177.0060, -15.7790, 21.0427

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.



169.9500, -14.2723, 4.4289



168.9940, 15.7790, -21.0427



172.8800, -11.2798, 24.6612

Square

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



168.9940, 15.7790, -21.0427



174.1150, 2.4083, 20.9471



171.9130, -14.7471, 16.7393



166.4010, -1.6767, -22.2767

Rectangle

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



168.9940, 15.7790, -21.0427



173.1220, 11.7719, 4.2780



171.9130, -14.7471, 16.7393



168.6930, -11.1876, -4.9928

Sweetspot

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



168.9940, 15.7790, -21.0427



243.7370, 5.5527, -7.6623



180.7220, -5.2859, -31.3282



120.5910, 3.6526, -4.9033



0.0000, 0.0000, 0.0000



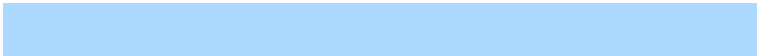
128.0000, 0.0000, 0.0000

Same Dimension

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



168.9940, 15.7790, -21.0427



206.9910, 23.6684, -31.5641



153.1450, 23.5925, -7.1432



93.9610, 2.4842, -3.4738



69.6510, 46.0211, -61.0839



15.2570, 10.2263, -13.3804

Inverse Universe

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



165.1640, 4.8491, 31.4282



201.2460, 7.2737, 47.1423



192.8550, -23.5925, 7.1432



93.2610, 0.8573, 5.0331



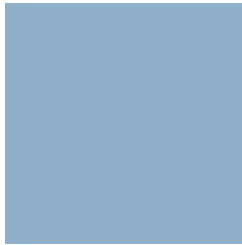
58.6550, 13.9741, 91.5106



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 168.9940, 15.7790, -21.0427 looks on a white background.

Color Contrast Check

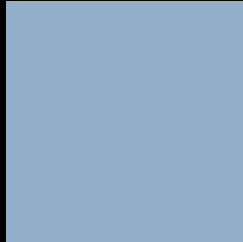
Large Text (above 18pt) WCAG AA × Fail

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 168.9940, 15.7790, -21.0427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

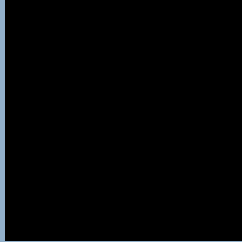
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

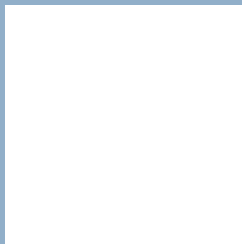
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.9940, 15.7790, -21.0427

Background



This preview shows how black text looks on a background with the YUV color 168.9940, 15.7790, -21.0427.



This preview shows how white text looks on a background with the YUV color 168.9940, 15.7790, -21.0427.

-21.0427.

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

168.9940, 15.7790, -21.0427

Protanopia

171.8820, 12.3832, -5.1585

Deuteranopia

172.5990, 14.9877, -0.5253



Tritanopia

168.4300, 11.1270, -22.3021

Trichromacy



Original Color

168.9940, 15.7790, -21.0427

Protanomaly

170.7780, 13.4204, -11.2063

Deuteranomaly

171.2560, 15.1568, -8.1175

Tritanomaly

168.5980, 13.0162, -21.5724

Monochromacy



Original Color

168.9940, 15.7790, -21.0427

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8510, 5.9895, -7.7623

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9940, 15.7790, -21.0427 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(145, 175, 201)` looks like.

```
.text, #text, p{  
    color:rgb(145, 175, 201)  
}
```

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(145, 175, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 175, 201) }
```

Border

The CSS property to change the border of an element to YUV 168.9940, 15.7790, -21.0427 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(145, 175, 201) }
```


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

```
.border{ border-color:rgb(145, 175, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 175, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 175, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 175, 201);  
box-shadow:4px 4px 4px 4px rgb(145, 175,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 168.9940, 15.7790, -21.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 175, 201) }
```

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

```
.background{ background-color: rgb(145,  
175, 201) }
```

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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