

Converting Colors

YUV(168.1520, 16.1941,
-14.1653)

Have a look what the booklet for
YUV(168.1520, 16.1941, -14.1653)
contains.

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Color

**YUV(168.1520, 16.1941,
-14.1653)**

Conversions

Conversions Part 1

Format	Color
Hex	98AAC9
RGB	152, 170, 201
RGB Percent	60%, 67%, 79%
CMY	0.4039, 0.3333, 0.2118
CMYK	0.24, 0.15, 0.00, 0.21
HSL	218°, 31%, 69%
HSV	218°, 24%, 79%
XYZ	37.8662, 39.6419, 60.9142
YIQ	168.1520, -20.6790, 5.8250

Conversions

Conversions Part 2

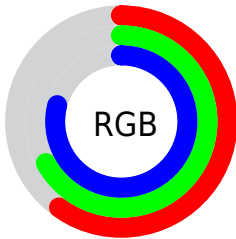
Format	Color
RYB	152, 165, 201
Decimal	10005193
CIELab	69.21, 0.61, -17.88
CIELCh	69, 17.887, 271.952
Yxy	39.6419, 0.2736, 0.2864
Android (android.graphics.Color)	4288195273 (0xFF98AAC9)
YUV	168.1520, 16.1941, -14.1653
Hunter-Lab	62.9618, -2.8304, -13.2886

Details

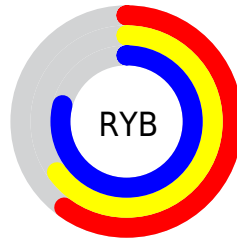
The YUV color $168.1520, 16.1941, -14.1653$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $184.8480, -16.1941, 14.1653$, and the grayscale version is $168.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.0380, 15.7573, -14.0653$, and $115.9240, 15.3205, -13.9653$ is the 20% darker color. If you saturate the color by 10%, you get $154.5410, 22.9043, -19.7685$, and if you desaturate by 10%, it is $181.7630, 9.4838, -8.5622$.

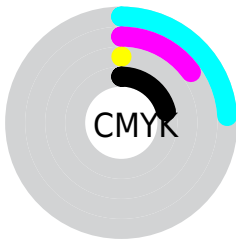
Distribution



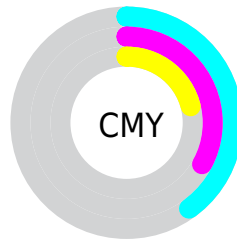
- Red (60%)
- Green (67%)
- Blue (79%)



- Red (60%)
- Yellow (65%)
- Blue (79%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1520, 16.1941, -14.1653 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 168.1520, 16.1941, -14.1653 by changing the saturation by 10% instead.

■ 168.1520, 16.1941,
-14.1653

■ 168.1520, 16.1941,
-14.1653

255.0000, 0.0000,
0.0000

■ 142.0380, 15.7573,
-14.0653

■ 223.0380, 15.7573,
-14.0653

■ 115.9240, 15.3205,
-13.9653

■ 248.4330, 3.2375,
-11.7807

■ 90.8100, 14.8837,
-13.8654

■ 67.2830, 14.1575,
-14.2802

■ 44.4570, 13.5787,
-15.3098

■ 22.1470, 13.7315,
-17.6689

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 168.1520, 16.1941,
-14.1653

■ 168.1520, 16.1941,
-14.1653

■ 154.5410, 22.9043,
-19.7685

■ 181.7630, 9.4838,
-8.5622

■ 141.5170, 29.3251,
-25.8864

■ 194.7870, 3.0630,
-2.4442

■ 127.9060, 36.0353,
-31.4896

■ 208.3980, -3.6472,
3.1590

■ 114.2950, 42.7456,
-37.0927

■ 222.0090,
-10.3574, 8.7621

■ 100.6840, 49.4558,
-42.6959

■ 235.9190,
-17.2151, 14.9800

■ 87.3610, 56.0240,
-49.4286

■ 243.5610,
-20.9826, 10.0320

■ 73.7500, 62.7342,
-55.0318

■ 248.8440,
-23.5871, 5.3988

■ 66.3520, 66.3815,
-58.1907

Harmonies

Analogous

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



165.2490, 15.6532, -27.4054



168.1520, 16.1941, -14.1653



170.3390, 12.6509, 2.3337

Triad

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



168.1520, 16.1941, -14.1653



171.1730, -8.9593, 27.0353



164.3970, -5.6187, -17.8882

Complementary

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



168.1520, 16.1941, -14.1653



184.8480, -16.1941, 14.1653

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.



166.3620, -12.5035, -2.9485



168.1520, 16.1941, -14.1653



170.0600, -14.3266, 21.8724

Square

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



168.1520, 16.1941, -14.1653



171.9970, -1.9705, 25.4356



168.3530, -15.4570, 11.0914



162.6220, 3.1444, -28.6095

Rectangle

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



168.1520, 16.1941, -14.1653



171.6670, 8.5452, 12.5700



168.3530, -15.4570, 11.0914



165.1480, -7.9610, -13.2848

Sweetspot

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



168.1520, 16.1941, -14.1653



243.1610, 5.8366, -5.4032



184.1830, -1.0762, -28.2245



120.6020, 3.6472, -3.1590



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.



168.1520, 16.1941, -14.1653



205.2850, 24.5095, -21.2979



159.3800, 20.5187, -1.2103



92.7870, 3.0630, -2.4442



53.8020, 53.8346, -47.1844



11.7350, 11.9626, -10.2916

Inverse Universe

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



168.7030, 0.6394, 28.3245



206.2040, 0.8854, 42.7941



193.6200, -20.5187, 1.2103



93.0330, -0.0163, 5.2331



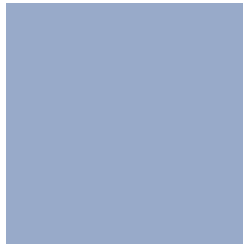
55.5770, 2.1805, 94.2100



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 168.1520, 16.1941, -14.1653 looks on a white background.

Color Contrast Check

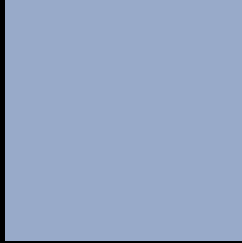
Large Text (above 18pt) WCAG AA × Fail

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 168.1520, 16.1941, -14.1653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

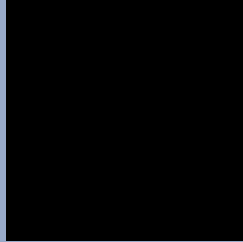
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.1520, 16.1941, -14.1653

Background



This preview shows how black text looks on a background with the YUV color 168.1520, 16.1941, -14.1653.



This preview shows how white text looks on a background with the YUV color 168.1520, 16.1941, -14.1653.

-14.1653.

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

168.1520, 16.1941, -14.1653

Protanopia

169.1530, 14.7146, -6.2732

Deuteranopia

170.4140, 15.5719, -1.2401



Tritanopia

167.3060, 9.2161, -16.0544

Trichromacy



Original Color

168.1520, 16.1941, -14.1653

Protanomaly

168.6580, 15.4516, -9.3471

Deuteranomaly

169.7940, 15.8776, -5.9583

Tritanomaly

167.5880, 11.5421, -15.4247

Monochromacy



Original Color

168.1520, 16.1941, -14.1653

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1610, 5.8366, -5.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1520, 16.1941, -14.1653 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(152, 170, 201)` looks like.

```
.text, #text, p{  
    color:rgb(152, 170, 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(152, 170, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 170, 201) }
```

Border

The CSS property to change the border of an element to YUV 168.1520, 16.1941, -14.1653 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(152, 170, 201) }
```


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

```
.border{ border-color:rgb(152, 170, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 170, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 170, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 170, 201);  
box-shadow:4px 4px 4px 4px rgb(152, 170,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 168.1520, 16.1941, -14.1653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 170, 201) }
```

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

```
.background{ background-color: rgb(152,  
170, 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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