

Converting Colors

YUV(166.2730, 9.2324,
-21.2874)

Have a look what the booklet for
YUV(166.2730, 9.2324, -21.2874)
contains.

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Color

**YUV(166.2730, 9.2324,
-21.2874)**

Conversions

Conversions Part 1

Format	Color
Hex	8EAFB9
RGB	142, 175, 185
RGB Percent	56%, 69%, 73%
CMY	0.4431, 0.3137, 0.2745
CMYK	0.23, 0.05, 0.00, 0.27
HSL	194°, 23%, 64%
HSV	194°, 23%, 73%
XYZ	35.2423, 39.9135, 51.7456
YIQ	166.2730, -22.8780, -3.8860

Conversions

Conversions Part 2

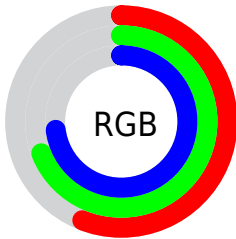
Format	Color
R _Y B	142, 161, 185
Decimal	9351097
CIE Lab	69.41, -8.93, -8.82
CIE LCh	69, 12.552, 224.646
Yxy	39.9135, 0.2777, 0.3145
Android (android.graphics.Color)	4287541177 (0xFF8EAFB9)
YUV	166.2730, 9.2324, -21.2874
Hunter-Lab	63.1771, -10.9869, -4.3378

Details

The YUV color **166.2730, 9.2324, -21.2874** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **160.7270, -9.2324, 21.2874**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6750, 9.5272, -22.5170**, and **114.4580, 8.6482, -20.5727** is the 20% darker color. If you saturate the color by 10%, you get **158.5430, 13.0433, -30.2942**, and if you desaturate by 10%, it is **174.3020, 5.2741, -11.6659**.

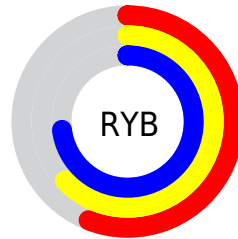
Distribution



Red (56%)

Green (69%)

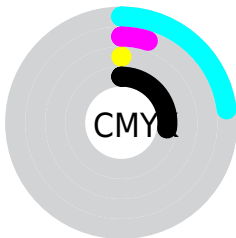
Blue (73%)



Red (56%)

Yellow (63%)

Blue (73%)

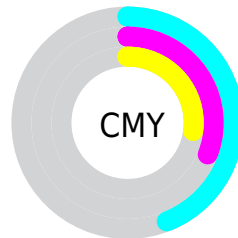


Cyan (23%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2730, 9.2324, -21.2874 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 166.2730, 9.2324, -21.2874 by changing the saturation by 10% instead.

■ 166.2730, 9.2324,
-21.2874

■ 166.2730, 9.2324,
-21.2874

■ 255.0000, 0.0000,
0.0000

■ 139.5720, 9.0850,
-20.6726

■ 221.6750, 9.5272,
-22.5170

■ 114.4580, 8.6482,
-20.5727

■ 246.0300, 4.4222,
-18.4433

■ 89.4580, 8.6482,
-20.5727

■ 254.4020, 0.2948,
-1.2296

■ 65.4580, 8.6482,
-20.5727

■ 42.1590, 8.7956,
-21.1874

■ 21.9420, 7.9166,
-19.2431

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 166.2730, 9.2324,
-21.2874

■ 166.2730, 9.2324,
-21.2874

■ 158.5430, 13.0433,
-30.2942

■ 174.3020, 5.2741,
-11.6659

■ 149.9270, 17.2910,
-39.4010

■ 182.6190, 1.1738,
-3.1739

■ 141.8980, 21.2493,
-49.0225

■ 190.3490, -2.6371,
5.8329

■ 134.1680, 25.0602,
-58.0293

■ 198.3780, -6.5954,
15.4545

■ 125.8510, 29.1605,
-66.5213

■ 206.9940,
-10.8430, 24.5613

■ 117.8220, 33.1188,
-76.1429

■ 214.7240,
-14.6539, 33.5681

■ 109.7930, 37.0771,
-85.7645

■ 217.6700,
-16.1063, 32.7384

■ 104.4440, 39.7141,
-91.5974

■ 220.0180,
-17.2639, 30.6792

■ 222.9530,
-18.7108, 28.1052

Harmonies

Analogous

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



165.4210, 4.7224, -21.4172



166.2730, 9.2324, -21.2874



167.8870, 11.3947, -14.8099

Triad

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



166.2730, 9.2324, -21.2874



171.6690, 2.1352, 15.1993



168.3890, -10.0518, 4.0438

Complementary

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



166.2730, 9.2324, -21.2874



160.7270, -9.2324, 21.2874

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.



169.9170, -10.8051, 12.3508



166.2730, 9.2324, -21.2874



171.7960, -3.8434, 19.4729

Square

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



166.2730, 9.2324, -21.2874



171.2810, 7.2565, 5.8926



170.6450, -8.2060, 18.7283



167.4200, -7.1091, -6.5073

Rectangle

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



166.2730, 9.2324, -21.2874



169.5180, 11.0836, -8.3473



170.6450, -8.2060, 18.7283



168.8840, -10.7888, 7.1177

Sweetspot

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



166.2730, 9.2324, -21.2874



232.5690, 3.6635, -8.3920



168.2670, -8.5126, -23.0362



115.8360, 2.0529, -5.1182



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



166.2730, 9.2324, -21.2874



210.5750, 14.5065, -32.9533



153.9460, 15.3096, -10.4766



88.1350, 1.9054, -4.5034



87.6370, 33.7030, -76.8576



16.1060, 5.8637, -14.1250

Inverse Universe

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



158.6190, 8.0758, 23.1361



198.8470, 12.4004, 36.0912



173.0540, -15.3096, 10.4766



86.4890, 1.7309, 4.8331



60.2100, 28.9835, 84.0078



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 166.2730, 9.2324, -21.2874 looks on a white background.

Color Contrast Check

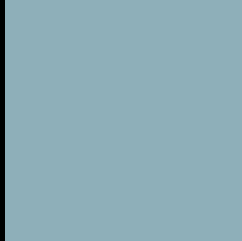
Large Text (above 18pt) WCAG AA × Fail

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 166.2730, 9.2324, -21.2874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

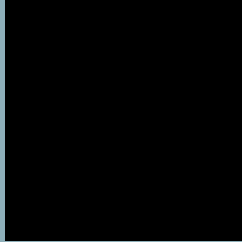
Any Text WCAG AA ✓ Pass

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 166.2730, 9.2324, -21.2874 Background



This preview shows how black text looks on a background with the YUV color 166.2730, 9.2324, -21.2874.



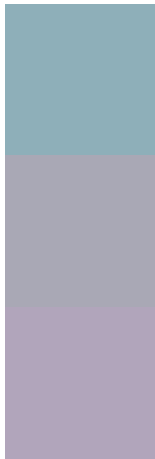
This preview shows how white text looks on a background with the YUV color 166.2730, 9.2324, -21.2874.

-21.2874.

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

166.2730, 9.2324, -21.2874

Protanopia

169.7810, 5.5310, -0.6849

Deuteranopia

171.0960, 7.8407, 5.1778



Tritanopia

166.3270, 10.6848, -20.4578

Trichromacy



Original Color

166.2730, 9.2324, -21.2874

Protanomaly

168.6660, 6.5737, -8.4771

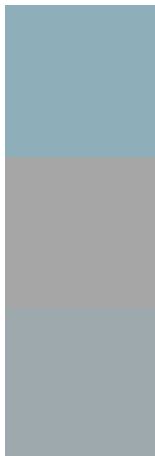
Deuteranomaly

169.4430, 8.1626, -4.7735

Tritanomaly

166.2130, 10.2480, -20.3578

Monochromacy



Original Color

166.2730, 9.2324, -21.2874

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8680, 3.5161, -7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2730, 9.2324, -21.2874 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(142, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(142, 175, 185)  
}
```

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(142, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 175, 185) }
```

Border

The CSS property to change the border of an element to YUV 166.2730, 9.2324, -21.2874 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(142, 175, 185) }
```


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

```
.border{ border-color:rgb(142, 175, 185) }
```

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

Here you see how a box with a 4 pixel rgb(142, 175, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(142, 175,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 166.2730, 9.2324, -21.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 175, 185) }
```

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

```
.background{ background-color: rgb(142,  
175, 185) }
```

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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