

Converting Colors

YUV(170.4160, 22.4729,
-21.4128)

Have a look what the booklet for
YUV(170.4160, 22.4729, -21.4128)
contains.

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Color

**YUV(170.4160, 22.4729,
-21.4128)**

Conversions

Conversions Part 1

Format	Color
Hex	92AED8
RGB	146, 174, 216
RGB Percent	57%, 68%, 85%
CMY	0.4275, 0.3176, 0.1529
CMYK	0.32, 0.19, 0.00, 0.15
HSL	216°, 47%, 71%
HSV	216°, 32%, 85%
XYZ	39.3848, 41.3410, 70.8696
YIQ	170.4160, -30.1700, 7.1260

Conversions

Conversions Part 2

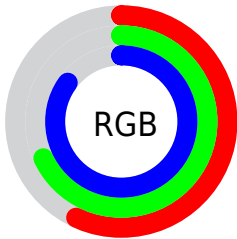
Format	Color
R _Y B	146, 166, 216
Decimal	9613016
CIE Lab	70.41, 0.29, -24.34
CIE LCh	70, 24.338, 270.680
Yxy	41.3410, 0.2598, 0.2727
Android (android.graphics.Color)	4287803096 (0xFF92AED8)
YUV	170.4160, 22.4729, -21.4128
Hunter-Lab	64.2969, -3.1803, -20.3429

Details

The YUV color **170.4160, 22.4729, -21.4128** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **191.5840, -22.4729, 21.4128**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5920, 15.4841, -19.8132**, and **117.7750, 21.3099, -21.7277** is the 20% darker color. If you saturate the color by 10%, you get **156.2070, 29.4779, -28.2455**, and if you desaturate by 10%, it is **184.6250, 15.4679, -14.5801**.

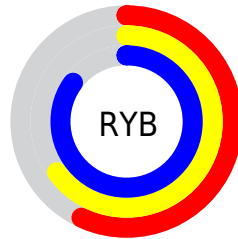
Distribution



Red (57%)

Green (68%)

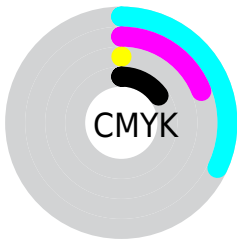
Blue (85%)



Red (57%)

Yellow (65%)

Blue (85%)

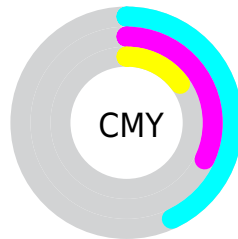


Cyan (32%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (43%)

Magenta (32%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4160, 22.4729, -21.4128 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 170.4160, 22.4729, -21.4128 by changing the saturation by 10% instead.

■ 170.4160, 22.4729,
-21.4128

■ 170.4160, 22.4729,
-21.4128

255.0000, 0.0000,
0.0000

■ 143.3020, 22.0361,
-21.3129

■ 223.5920, 15.4841,
-19.8132

■ 117.7750, 21.3099,
-21.7277

■ 247.5250, 3.6852,
-15.3694

■ 92.3620, 21.0205,
-22.2425

■ 67.5360, 20.4418,
-23.2721

■ 42.9160, 20.7474,
-27.9903

■ 24.5640, 17.9629,
-21.5426

■ 6.9080, 16.3144,

-6.0583

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 170.4160, 22.4729,
-21.4128

■ 170.4160, 22.4729,
-21.4128

■ 156.2070, 29.4779,
-28.2455

■ 184.6250, 15.4679,
-14.5801

■ 142.2970, 36.3356,
-34.4635

■ 198.5350, 8.6102,
-8.3622

■ 128.0880, 43.3406,
-41.2962

■ 212.7440, 1.6052,
-1.5295

■ 114.1780, 50.1982,
-47.5141

■ 226.6540, -5.2524,
4.6884

■ 99.9690, 57.2033,
-54.3468

■ 240.8630,
-12.2575, 11.5211

■ 85.7600, 64.2083,
-61.1795

■ 248.7930,
-16.1669, 5.4435

■ 75.1060, 69.4607,
-65.8680

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



165.1810, 22.0958, -40.5007



170.4160, 22.4729, -21.4128



174.0060, 17.7450, 1.7487

Triad

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



170.4160, 22.4729, -21.4128



174.8430, -11.7546, 36.9717



166.0820, -7.9284, -23.7509

Complementary

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



170.4160, 22.4729, -21.4128



191.5840, -22.4729, 21.4128

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.



168.7980, -17.1554, -4.2078



170.4160, 22.4729, -21.4128



173.4370, -19.4424, 29.4348

Square

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



170.4160, 22.4729, -21.4128



175.4650, -1.7082, 34.6722



171.1810, -21.2882, 14.7503



163.1860, 4.3453, -40.5051

Rectangle

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



170.4160, 22.4729, -21.4128



175.9000, 11.8813, 15.8737



171.1810, -21.2882, 14.7503



166.6160, -11.1497, -17.2032

Sweetspot

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



170.4160, 22.4729, -21.4128



238.7200, 8.0260, -7.6474



191.8780, -1.9119, -40.2350



117.3460, 5.2524, -4.6884



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.



170.4160, 22.4729, -21.4128



190.1790, 31.9568, -29.9750



155.7740, 29.6914, -3.3098



100.1890, 3.3578, -3.6738



59.4100, 55.0139, -52.1026



14.8810, 13.8627, -13.0506

Inverse Universe

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



170.1220, 1.9119, 40.2350



190.0470, 2.4418, 56.9638



205.9270, -29.5440, 2.6950



99.8590, 0.5625, 6.2627



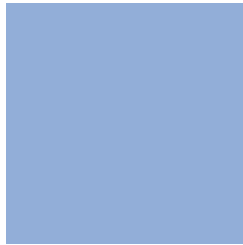
58.8810, 4.4957, 98.3284



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 170.4160, 22.4729, -21.4128 looks on a white background.

Color Contrast Check

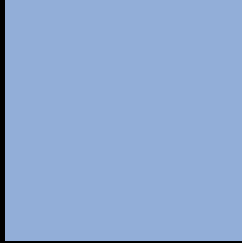
Large Text (above 18pt) WCAG AA × Fail

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 170.4160, 22.4729, -21.4128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

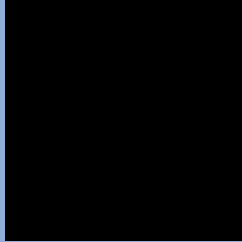
Any Text WCAG AA ✓ Pass

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 170.4160, 22.4729, -21.4128 Background



This preview shows how black text looks on a background with the YUV color 170.4160, 22.4729, -21.4128.



This preview shows how white text looks on a background with the YUV color 170.4160, 22.4729, -21.4128.

-21.4128.

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

170.4160, 22.4729, -21.4128

Protanopia

172.5100, 19.9616, -9.2173

Deuteranopia

173.2760, 21.5559, -7.2581



Tritanopia

168.5330, 11.5692, -24.1464

Trichromacy



Original Color

170.4160, 22.4729, -21.4128

Protanomaly

171.4170, 20.9934, -13.5207

Deuteranomaly

172.3570, 22.0090, -12.5911

Tritanomaly

169.5700, 15.4950, -23.3019

Monochromacy



Original Color

170.4160, 22.4729, -21.4128

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8340, 8.4628, -7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4160, 22.4729, -21.4128 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(146, 174, 216)` looks like.

```
.text, #text, p{  
    color:rgb(146, 174, 216)  
}
```

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(146, 174, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 174, 216) }
```

Border

The CSS property to change the border of an element to YUV 170.4160, 22.4729, -21.4128 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(146, 174, 216) }
```


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

```
.border{ border-color:rgb(146, 174, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 174, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 174, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 174, 216);  
box-shadow:4px 4px 4px 4px rgb(146, 174,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 170.4160, 22.4729, -21.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 174, 216) }
```

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

```
.background{ background-color: rgb(146,  
174, 216) }
```

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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