

Converting Colors

YUV(171.4020, 13.6058,
-24.0316)

Have a look what the booklet for
YUV(171.4020, 13.6058, -24.0316)
contains.

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Color

**YUV(171.4020, 13.6058,
-24.0316)**

Conversions

Conversions Part 1

Format	Color
Hex	90B4C7
RGB	144, 180, 199
RGB Percent	56%, 71%, 78%
CMY	0.4353, 0.2941, 0.2196
CMYK	0.28, 0.10, 0.00, 0.22
HSL	201°, 33%, 67%
HSV	201°, 28%, 78%
XYZ	38.1317, 42.6953, 60.2641
YIQ	171.4020, -27.5550, -1.7230

Conversions

Conversions Part 2

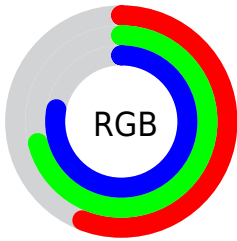
Format	Color
RYB	144, 166, 199
Decimal	9483463
CIELab	71.35, -7.73, -13.61
CIELCh	71, 15.652, 240.399
Yxy	42.6953, 0.2703, 0.3026
Android (android.graphics.Color)	4287673543 (0xFF90B4C7)
YUV	171.4020, 13.6058, -24.0316
Hunter-Lab	65.3417, -10.1800, -8.9435

Details

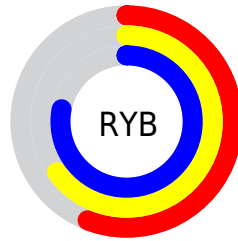
The YUV color **171.4020, 13.6058, -24.0316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **171.5980, -13.6058, 24.0316**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1030, 13.7532, -24.6463**, and **118.5870, 13.0216, -23.3168** is the 20% darker color. If you saturate the color by 10%, you get **161.3130, 18.5797, -32.7235**, and if you desaturate by 10%, it is **181.4910, 8.6319, -15.3396**.

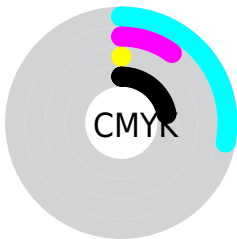
Distribution



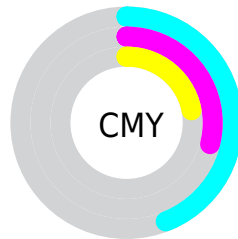
- Red (56%)
- Green (71%)
- Blue (78%)



- Red (56%)
- Yellow (65%)
- Blue (78%)



- Cyan (28%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (44%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4020, 13.6058, -24.0316 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 171.4020, 13.6058, -24.0316 by changing the saturation by 10% instead.

■ 171.4020, 13.6058,
-24.0316

■ 171.4020, 13.6058,
-24.0316

255.0000, 0.0000,
0.0000

■ 144.7010, 13.4584,
-23.4168

■ 227.1030, 13.7532,
-24.6463

■ 118.5870, 13.0216,
-23.3168

■ 246.6280, 4.1274,
-17.2138

■ 93.4730, 12.5848,
-23.2168

■ 69.1740, 12.7322,
-23.8316

■ 45.1630, 12.7376,
-25.5760

■ 25.5440, 11.5638,
-22.4021

■ 9.6490, 9.0470,

-8.4622

■ 0.0000, 0.0000,
0.0000

■ 171.4020, 13.6058,
-24.0316

■ 171.4020, 13.6058,
-24.0316

■ 161.3130, 18.5797,
-32.7235

■ 181.4910, 8.6319,
-15.3396

■ 151.2240, 23.5536,
-41.4154

■ 191.5800, 3.6581,
-6.6477

■ 141.1350, 28.5274,
-50.1074

■ 201.6690, -1.3158,
2.0443

■ 131.6330, 33.2119,
-59.3141

■ 211.1710, -6.0003,
11.2510

■ 121.5440, 38.1858,
-68.0061

■ 221.2600,
-10.9742, 19.9430

■ 111.7540, 43.0123,
-76.0833

■ 228.6580,
-14.6214, 23.1019

■ 101.6650, 47.9862,
-84.7752

■ 232.7670,
-16.6471, 19.4983

■ 98.9960, 49.3020,
-86.8195

■ 236.8760,
-18.6729, 15.8947

■ 240.9850,
-20.6986, 12.2912

Harmonies

Analogous

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



169.9300, 9.4015, -28.8796



171.4020, 13.6058, -24.0316



173.9950, 14.2995, -13.1506

Triad

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



171.4020, 13.6058, -24.0316



177.5020, -1.2335, 22.3617



172.4160, -11.0511, -2.1188

Complementary

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



171.4020, 13.6058, -24.0316



171.5980, -13.6058, 24.0316

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.



174.3960, -13.9992, 10.1767



171.4020, 13.6058, -24.0316



177.0910, -7.9329, 24.4762

Square

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



171.4020, 13.6058, -24.0316



177.5810, 5.6296, 14.3995



175.5050, -12.5740, 19.7281



171.1200, -5.4822, -15.0142

Rectangle

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



171.4020, 13.6058, -24.0316



175.8930, 12.3778, -3.4142



175.5050, -12.5740, 19.7281



173.3950, -12.5197, 2.2846

Sweetspot

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



171.4020, 13.6058, -24.0316



244.9110, 4.9739, -8.6919



178.3370, -8.0541, -30.1135



121.1780, 3.3632, -5.4181



0.0000, 0.0000, 0.0000



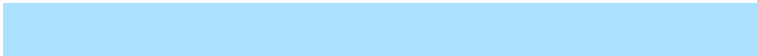
128.0000, 0.0000, 0.0000

Same Dimension

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



171.4020, 13.6058, -24.0316



212.8610, 20.7745, -36.7121



155.5530, 21.4194, -10.1320



94.5480, 2.1948, -3.9886



81.3910, 40.2332, -71.3799



17.6050, 9.0687, -15.4396

Inverse Universe

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



164.5490, 7.6173, 30.2135



202.3860, 11.6417, 46.1425



187.4470, -21.4194, 10.1320



93.3750, 1.2941, 4.9331



60.9350, 22.7100, 89.5110



13.3860, 4.7397, 19.8325

Previews

White Background



This preview shows how the YUV color 171.4020, 13.6058, -24.0316 looks on a white background.

Color Contrast Check

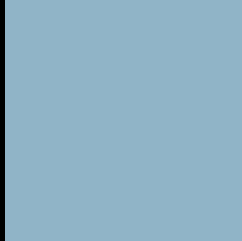
Large Text (above 18pt) WCAG AA × Fail

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 171.4020, 13.6058, -24.0316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

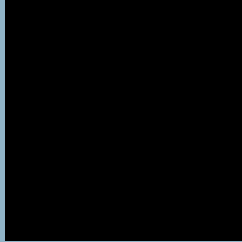
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.4020, 13.6058, -24.0316

Background



This preview shows how black text looks on a background with the YUV color 171.4020, 13.6058, -24.0316.



This preview shows how white text looks on a background with the YUV color 171.4020, 13.6058, -24.0316.

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

171.4020, 13.6058, -24.0316

Protanopia

174.9100, 9.9044, -3.4291

Deuteranopia

175.9260, 12.3615, 1.8189



Tritanopia

171.2340, 11.7166, -24.7612

Trichromacy



Original Color

171.4020, 13.6058, -24.0316

Protanomaly

173.7950, 10.9471, -11.2212

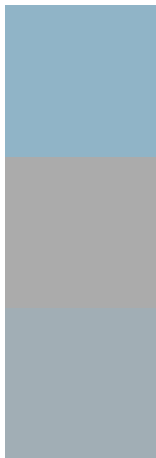
Deuteranomaly

174.5720, 12.5360, -7.5176

Tritanomaly

171.3480, 12.1534, -24.8612

Monochromacy



Original Color

171.4020, 13.6058, -24.0316

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9110, 4.9739, -8.6919

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4020, 13.6058, -24.0316 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(144, 180, 199)` looks like.

```
.text, #text, p{  
    color:rgb(144, 180, 199)  
}
```

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(144, 180, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 180, 199) }
```

Border

The CSS property to change the border of an element to YUV 171.4020, 13.6058, -24.0316 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(144, 180, 199) }
```


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

```
.border{ border-color:rgb(144, 180, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 180, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 180, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 180, 199);  
box-shadow:4px 4px 4px 4px rgb(144, 180,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 171.4020, 13.6058, -24.0316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 180, 199) }
```

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

```
.background{ background-color: rgb(144,  
180, 199) }
```

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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