

Converting Colors

YUV(70.1200, 21.1398,
-60.6182)

Have a look what the booklet for
YUV(70.1200, 21.1398, -60.6182)
contains.

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Color

**YUV(70.1200, 21.1398,
-60.6182)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 016171 |
| RGB | 1, 97, 113 |
| RGB Percent | 0%, 38%, 44% |
| CMY | 0.9961, 0.6196, 0.5569 |
| CMYK | 0.99, 0.14, 0.00, 0.56 |
| HSL | 189°, 98%, 22% |
| HSV | 189°, 99%, 44% |
| XYZ | 7.2678, 9.7481, 17.1213 |
| YIQ | 70.1200, -62.3520, -15.3760 |

Conversions

Conversions Part 2

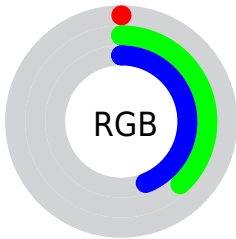
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 1, 53, 113 |
| Decimal | 90481 |
| CIE _{Lab} | 37.39, -17.89, -15.90 |
| CIE _{LCh} | 37, 23.938, 221.635 |
| Yxy | 9.7481, 0.2129, 0.2856 |
| Android (android.graphics.Color) | 4278280561 (0xFF016171) |
| YUV | 70.1200, 21.1398, -60.6182 |
| Hunter-Lab | 31.2219, -13.0871, -10.6577 |

Details

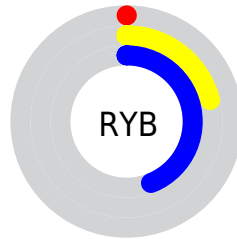
The YUV color **70.1200, 21.1398, -60.6182** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **43.8800, -21.1398, 60.6182**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1110, 18.1863, -46.5783**, and **36.7600, 13.9223, -32.2385** is the 20% darker color. If you saturate the color by 10%, you get **69.8210, 21.2872, -61.2330**, and if you desaturate by 10%, it is **74.5830, 18.9396, -54.8853**.

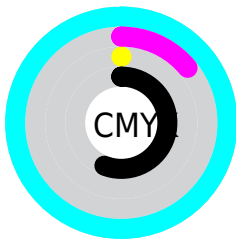
Distribution



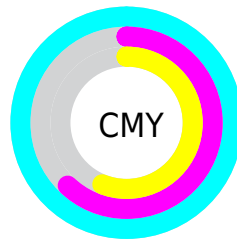
- Red (0%)
- Green (38%)
- Blue (44%)



- Red (0%)
- Yellow (21%)
- Blue (44%)



- Cyan (99%)
- Magenta (14%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1200, 21.1398, -60.6182 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 70.1200, 21.1398, -60.6182 by changing the saturation by 10% instead.

70.1200, 21.1398,
-60.6182

70.1200, 21.1398,
-60.6182

255.0000, 0.0000,
0.0000

52.9970, 17.7495,
-46.4784

128.1110, 18.1863,
-46.5783

36.7600, 13.9223,
-32.2385

155.4100, 18.0389,
-45.9636

22.5120, 10.1006,
-19.7430

182.5240, 18.4757,
-46.0635

3.2090, 9.7570,
-2.8143

210.5240, 18.4757,
-46.0635

0.0000, 0.0000,
0.0000

234.6680, 10.0237,
-41.8048

243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

70.1200, 21.1398,
-60.6182

70.1200, 21.1398,
-60.6182

69.8210, 21.2872,
-61.2330

74.5830, 18.9396,
-54.8853

78.7580, 16.8813,
-48.0228

83.2210, 14.6810,
-42.2898

87.0970, 12.7702,
-36.0421

91.8590, 10.4225,
-29.6943

■ 96.3220, 8.2223,
-23.9614

■ 100.1980, 6.3114,
-17.7136

■ 104.6610, 4.1111,
-11.9807

■ 109.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



73.7380, 10.4822, -48.8822



70.1200, 21.1398, -60.6182



80.0890, 21.6481, -36.9121

Triad

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



70.1200, 21.1398, -60.6182



90.2340, 5.3076, 24.3508



85.7500, -17.6247, 6.3582

Complementary

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



70.1200, 21.1398, -60.6182



43.8800, -21.1398, 60.6182

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.



87.8380, -17.6681, 20.3131



70.1200, 21.1398, -60.6182



89.4600, -4.1708, 31.1686

Square

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



70.1200, 21.1398, -60.6182



90.1980, 13.2134, 8.5964



88.2720, -12.4591, 29.5795



83.3180, -12.4818, -9.9259

Rectangle

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



70.1200, 21.1398, -60.6182



85.4330, 19.9995, -21.4277



88.2720, -12.4591, 29.5795



86.5550, -18.5146, 11.7913

Sweetspot

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



70.1200, 21.1398, -60.6182



131.3220, 8.2223, -23.9614



68.4540, -25.8598, -59.1572



63.5790, 5.1376, -14.5398



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



70.1200, 21.1398, -60.6182



91.4210, 27.8934, -80.1762



37.8350, 37.0563, -32.3043



53.6190, 1.1738, -3.1739



74.1410, 22.6085, -65.0217



152.6020, 46.5382, -133.8320

Inverse Universe

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



45.4320, 25.4230, 59.2571



58.7300, 33.6571, 78.2898



76.1650, -37.0563, 32.3043



52.3640, 1.2995, 3.1888



47.6220, 27.3014, 63.4755



98.0210, 56.1916, 130.6546

Previews

White Background



This preview shows how the YUV color 70.1200, 21.1398, -60.6182 looks on a white 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

Black Background



This preview shows how the YUV color 70.1200, 21.1398, -60.6182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

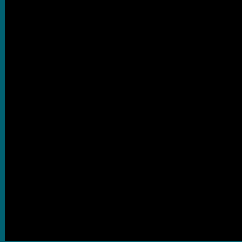
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

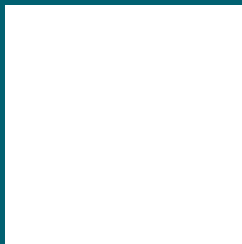
Any Text WCAG AAA × Fail

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

YUV 70.1200, 21.1398, -60.6182 Background



This preview shows how black text looks on a background with the YUV color 70.1200, 21.1398, -60.6182.

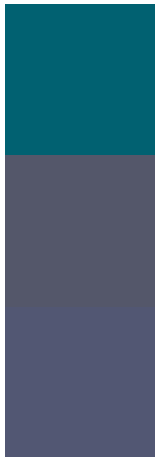


This preview shows how white text looks on a background with the YUV color 70.1200, 21.1398,

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

70.1200, 21.1398, -60.6182

Protanopia

88.2690, 8.7414, -3.7439

Deuteranopia

88.6970, 12.9674, -5.8733

Trichromacy



Original Color

70.1200, 21.1398, -60.6182

Protanomaly

81.9890, 13.3164, -24.5464

Deuteranomaly

82.2600, 15.6478, -25.6610

Monochromacy



Original Color

70.1200, 21.1398, -60.6182

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2190, 7.7800, -22.1171

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1200, 21.1398, -60.6182 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(1, 97, 113)` looks like.

```
.text, #text, p{  
    color:rgb(1, 97, 113)  
}
```

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(1, 97, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 97, 113) }
```

Border

The CSS property to change the border of an element to YUV 70.1200, 21.1398, -60.6182 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(1, 97, 113) }
```

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

```
.border{ border-color:rgb(1, 97, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 97, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 97, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 97, 113);  
box-shadow:4px 4px 4px 4px rgb(1, 97, 113)  
}
```


Background

The CSS property to change the background color of an element to YUV 70.1200, 21.1398, -60.6182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 97, 113) }
```

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

```
.background{ background-color: rgb(1, 97,  
113) }
```

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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