

Converting Colors

YUV(70.2020, 13.7044, -8.9472)

Have a look what the booklet for
YUV(70.2020, 13.7044, -8.9472)
contains.

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Color

**YUV(70.2020, 13.7044,
-8.9472)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3C4662 |
| RGB | 60, 70, 98 |
| RGB Percent | 24%, 27%, 38% |
| CMY | 0.7647, 0.7255, 0.6157 |
| CMYK | 0.39, 0.29, 0.00, 0.62 |
| HSL | 224°, 24%, 31% |
| HSV | 224°, 39%, 38% |
| XYZ | 6.2582, 6.2228, 12.4266 |
| YIQ | 70.2020, -14.9480, 6.5880 |

Conversions

Conversions Part 2

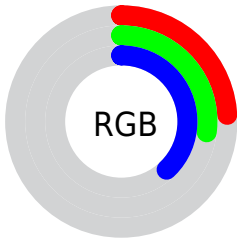
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 60, 68, 98 |
| Decimal | 3950178 |
| CIE _{Lab} | 29.97, 3.77, -17.76 |
| CIE _{LCh} | 30, 18.152, 281.972 |
| Yxy | 6.2228, 0.2513, 0.2498 |
| Android (android.graphics.Color) | 4282140258 (0xFF3C4662) |
| YUV | 70.2020, 13.7044, -8.9472 |
| Hunter-Lab | 24.9456, 1.1266, -12.0732 |

Details

The YUV color **70.2020, 13.7044, -8.9472** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87.7980, -13.7044, 8.9472**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.8430, 14.8674, -8.6323**, and **25.8490, 12.3994, -10.3916** is the 20% darker color. If you saturate the color by 10%, you get **63.1030, 17.2042, -11.4913**, and if you desaturate by 10%, it is **77.3010, 10.2046, -6.4030**.

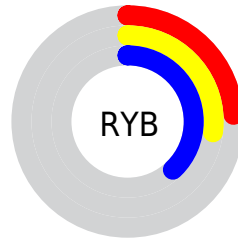
Distribution



Red (24%)

Green (27%)

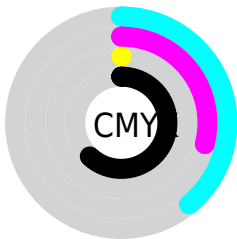
Blue (38%)



Red (24%)

Yellow (27%)

Blue (38%)

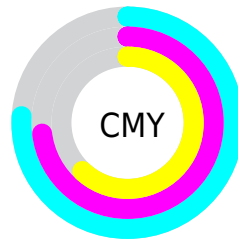


Cyan (39%)

Magenta (29%)

Yellow (0%)

Black (62%)



Cyan (76%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2020, 13.7044, -8.9472 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 70.2020, 13.7044, -8.9472 by changing the saturation by 10% instead.

■ 70.2020, 13.7044,
-8.9472

■ 70.2020, 13.7044,
-8.9472

■ 255.0000, 0.0000,
0.0000

■ 47.6750, 12.9782,
-9.3620

■ 118.8430, 14.8674,
-8.6323

■ 25.8490, 12.3994,
-10.3916

■ 144.6580, 15.4516,
-9.3471

■ 3.5340, 13.5407,
-3.0993

■ 171.0710, 15.7410,
-8.8323

■ 0.1140, 0.4368,
-0.1000

■ 198.1850, 16.1778,
-8.9322

■ 0.0000, 0.0000,
0.0000

■ 225.7290, 14.4306,
-8.5323

■ 251.4230, 1.7635,

-5.6330

■ 70.2020, 13.7044,
-8.9472

■ 70.2020, 13.7044,
-8.9472

■ 63.1030, 17.2042,
-11.4913

■ 77.3010, 10.2046,
-6.4030

■ 56.0040, 20.7040,
-14.0355

■ 84.4000, 6.7048,
-3.8588

■ 48.6170, 24.3458,
-15.4501

■ 91.7870, 3.0630,
-2.4442

■ 41.5180, 27.8456,
-17.9943

■ 98.8860, -0.4368,
0.1000

■ 34.4190, 31.3454,
-20.5385

■ 105.9850, -3.9366,
2.6442

■ 27.3200, 34.8452,
-23.0826

■ 113.0840, -7.4364,
5.1883

■ 26.4340, 35.2820,
-23.1826

■ 120.7700,
-11.2256, 7.2177

■ 127.5700,
-14.5780, 9.1471

■ 134.6690,
-18.0778, 11.6913

Harmonies

Analogous

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



65.8580, 15.3530, -24.4315



70.2020, 13.7044, -8.9472



72.5630, 9.5824, 6.5222

Triad

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



70.2020, 13.7044, -8.9472



71.0260, -9.3798, 21.9022



65.2980, -2.1189, -20.4323

Complementary

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



70.2020, 13.7044, -8.9472



87.7980, -13.7044, 8.9472

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.



67.2520, -8.9982, -7.2370



70.2020, 13.7044, -8.9472



70.6570, -13.1419, 15.2098

Square

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



70.2020, 13.7044, -8.9472



71.9320, -3.4175, 22.8616



69.5910, -13.1094, 4.7437



62.2240, 6.7916, -31.7684

Rectangle

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



70.2020, 13.7044, -8.9472



72.5810, 5.6296, 14.3995



69.5910, -13.1094, 4.7437



66.0490, -4.4612, -15.8290

Sweetspot

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



70.2020, 13.7044, -8.9472



116.1720, 5.8312, -3.6588



85.4980, 1.2335, -22.3617



57.2000, 3.3524, -1.9294



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



70.2020, 13.7044, -8.9472



83.6450, 21.8670, -13.7207



67.0230, 15.2717, 1.7338



45.0430, 1.4578, -0.9147



30.3780, 40.2396, -26.6415



64.3410, 86.5999, -56.4271

Inverse Universe

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



72.5020, -1.2335, 22.3617



87.6500, -2.2924, 35.3870



90.9770, -15.2717, -1.7338



45.3100, -0.1528, 2.3591



36.9080, -3.4056, 65.8557



78.9420, -7.8594, 141.2479

Previews

White Background



This preview shows how the YUV color 70.2020, 13.7044, -8.9472 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 70.2020, 13.7044, -8.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

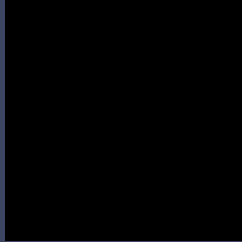
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.2020, 13.7044, -8.9472

Background



This preview shows how black text looks on a background with the YUV color 70.2020, 13.7044, -8.9472.



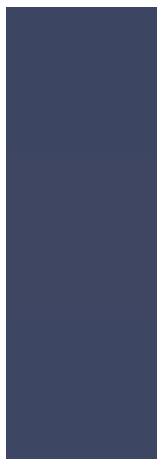
This preview shows how white text looks on a background with the YUV color 70.2020, 13.7044,

-8.9472.

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

70.2020, 13.7044, -8.9472

Protanopia

70.8000, 13.4096, -7.7176

Deuteranopia

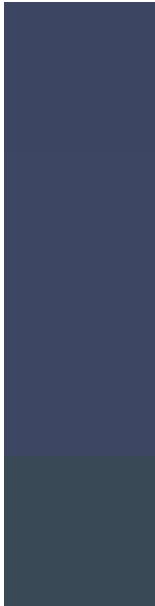
70.5010, 13.5570, -8.3324



Tritanopia

68.8890, 4.9847, -12.1807

Trichromacy



Original Color

70.2020, 13.7044, -8.9472

Protanomaly

70.5010, 13.5570, -8.3324

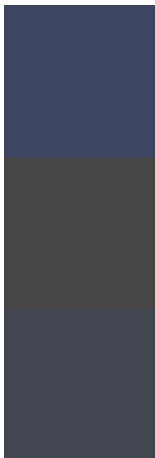
Deuteranomaly

70.5010, 13.5570, -8.3324

Tritanomaly

69.6980, 8.0369, -11.1361

Monochromacy



Original Color

70.2020, 13.7044, -8.9472

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9440, 4.9576, -3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2020, 13.7044, -8.9472 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(60, 70, 98)` looks like.

```
.text, #text, p{  
    color:rgb(60, 70, 98)  
}
```

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(60, 70, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 70, 98) }
```

Border

The CSS property to change the border of an element to YUV 70.2020, 13.7044, -8.9472 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(60, 70, 98) }
```


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

```
.border{ border-color:rgb(60, 70, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 70, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 70, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 70, 98);  
box-shadow:4px 4px 4px 4px rgb(60, 70, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.2020, 13.7044, -8.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 70, 98) }
```

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

```
.background{ background-color: rgb(60, 70,  
98) }
```

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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