

Converting Colors

YUV(71.1200, 11.2798,
-24.6612)

Have a look what the booklet for
YUV(71.1200, 11.2798, -24.6612)
contains.

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Color

**YUV(71.1200, 11.2798,
-24.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	2B515E
RGB	43, 81, 94
RGB Percent	17%, 32%, 37%
CMY	0.8314, 0.6824, 0.6314
CMYK	0.54, 0.14, 0.00, 0.63
HSL	195°, 37%, 27%
HSV	195°, 54%, 37%
XYZ	5.9591, 7.2066, 11.6666
YIQ	71.1200, -26.8210, -4.0130

Conversions

Conversions Part 2

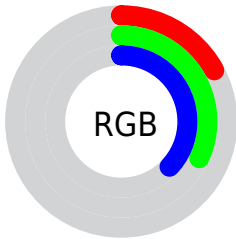
Format	Color
R_{YB}	43, 65, 94
Decimal	2838878
CIE _{Lab}	32.27, -9.44, -11.76
CIE _{LCh}	32, 15.083, 231.257
Yxy	7.2066, 0.2400, 0.2902
Android (android.graphics.Color)	4281028958 (0xFF2B515E)
YUV	71.1200, 11.2798, -24.6612
Hunter-Lab	26.8451, -7.3556, -6.9752




Details

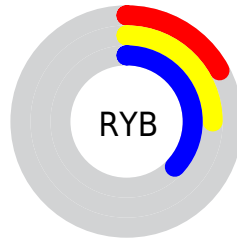
The YUV color **71.1200, 11.2798, -24.6612** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65.8800, -11.2798, 24.6612**, and the grayscale version is **71.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **120.5330, 11.5692, -24.1464**, and **26.6040, 10.5482, -23.3317** is the 20% darker color. If you saturate the color by 10%, you get **67.2550, 13.1853, -29.1646**, and if you desaturate by 10%, it is **74.9850, 9.3744, -20.1578**.

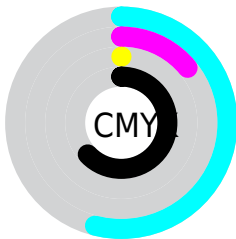
Distribution







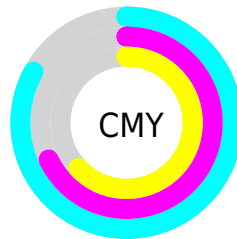
-  Red (17%)
-  Green (32%)
-  Blue (37%)






-  Red (17%)
-  Yellow (25%)
-  Blue (37%)



-  Cyan (54%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (83%)
-  Magenta (68%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.1200, 11.2798, -24.6612 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 71.1200, 11.2798, -24.6612 by changing the saturation by 10% instead.

■ 71.1200, 11.2798,
-24.6612

■ 71.1200, 11.2798,
-24.6612

■ 255.0000, 0.0000,
0.0000

■ 47.1090, 11.2853,
-26.4056

■ 120.5330, 11.5692,
-24.1464

■ 26.6040, 10.5482,
-23.3317

■ 146.3480, 12.1534,
-24.8612

■ 12.4700, 7.1633,
-10.9362

■ 173.3480, 12.1534,
-24.8612

■ 0.0000, 0.0000,
0.0000

■ 201.0490, 12.3008,
-25.4760

■ 229.1630, 12.7376,
-25.5760

■ 246.9270, 3.9800,

-16.5990

■ 71.1200, 11.2798,
-24.6612

■ 71.1200, 11.2798,
-24.6612

■ 67.2550, 13.1853,
-29.1646

■ 74.9850, 9.3744,
-20.1578

■ 62.5040, 15.5275,
-33.7680

■ 79.7360, 7.0322,
-15.5545

■ 58.6390, 17.4330,
-38.2714

■ 83.6010, 5.1267,
-11.0511

■ 53.8880, 19.7752,
-42.8748

■ 88.3520, 2.7845,
-6.4477

■ 51.8060, 20.8016,
-45.4339

■ 92.2170, 0.8790,
-1.9443

■ 96.0820, -1.0264,
2.5591

■ 100.8330, -3.3687,
7.1625

■ 104.6980, -5.2741,
11.6659

■ 109.4490, -7.6164,
16.2692

Harmonies

Analogous

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



69.9690, 6.9173, -25.4058



71.1200, 11.2798, -24.6612



73.8160, 12.4157, -15.6246

Triad

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



71.1200, 11.2798, -24.6612



78.0390, 0.9668, 16.6288



74.6660, -10.1883, 1.1699

Complementary

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



71.1200, 11.2798, -24.6612



65.8800, -11.2798, 24.6612

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.



75.7920, -11.2365, 10.7064



71.1200, 11.2798, -24.6612



77.5680, -4.7170, 19.6729

Square

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



71.1200, 11.2798, -24.6612



77.7760, 6.5194, 8.9664



76.4060, -9.0742, 17.1839



73.0390, -5.9352, -9.6812

Rectangle

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



71.1200, 11.2798, -24.6612



75.3440, 11.6624, -7.3177



76.4060, -9.0742, 17.1839



75.1610, -10.9254, 4.2438

Sweetspot

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



71.1200, 11.2798, -24.6612



113.3840, 4.2477, -9.1068



74.4190, -9.0806, -27.5545



55.9500, 2.4897, -5.2181



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



71.1200, 11.2798, -24.6612



86.6390, 17.4330, -38.2714



56.4450, 18.5146, -11.7913



43.9180, 1.0264, -2.5591



60.6740, 24.3177, -53.2111



130.9170, 52.2989, -114.8142

Inverse Universe

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



62.5810, 9.0806, 27.5545



73.3470, 14.1259, 42.6687



80.5550, -18.5146, 11.7913



42.9510, 1.0102, 2.6740



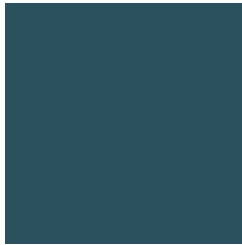
42.2380, 19.6027, 59.4273



91.0410, 42.3778, 128.0060

Previews

White Background



This preview shows how the YUV color 71.1200, 11.2798, -24.6612 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 71.1200, 11.2798, -24.6612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

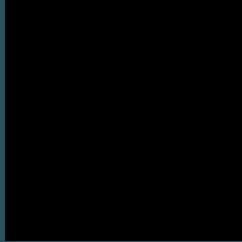
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

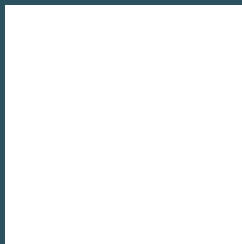
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 71.1200, 11.2798, -24.6612

Background



This preview shows how black text looks on a background with the YUV color 71.1200, 11.2798, -24.6612.



This preview shows how white text looks on a background with the YUV color 71.1200, 11.2798,

-24.6612.

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

71.1200, 11.2798, -24.6612

Protanopia

76.1120, 6.8468, -2.7292

Deuteranopia

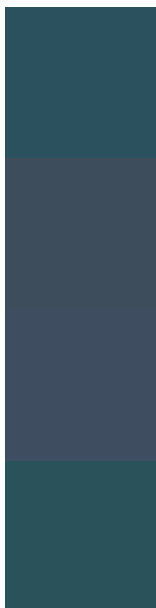
76.0950, 9.3202, -2.7143



Tritanopia

70.5390, 9.1013, -25.9057

Trichromacy



Original Color

71.1200, 11.2798, -24.6612

Protanomaly

74.1110, 8.3263, -10.6213

Deuteranomaly

74.5670, 10.0735, -11.0213

Tritanomaly

71.0660, 9.8275, -25.4909

Monochromacy



Original Color

71.1200, 11.2798, -24.6612

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2700, 3.8109, -9.0068

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1200, 11.2798, -24.6612 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(43, 81, 94)` looks like.

```
.text, #text, p{  
    color:rgb(43, 81, 94)  
}
```

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(43, 81, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 81, 94) }
```

Border

The CSS property to change the border of an element to YUV 71.1200, 11.2798, -24.6612 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(43, 81, 94) }
```


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

```
.border{ border-color:rgb(43, 81, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 81, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 81, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 81, 94);  
box-shadow:4px 4px 4px 4px rgb(43, 81, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.1200, 11.2798, -24.6612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 81, 94) }
```

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

```
.background{ background-color: rgb(43, 81,  
94) }
```

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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