

Converting Colors

YUV(74.1720, 22.5932,
-13.3058)

Have a look what the booklet for
YUV(74.1720, 22.5932, -13.3058)
contains.

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Color

**YUV(74.1720, 22.5932,
-13.3058)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4978
RGB	59, 73, 120
RGB Percent	23%, 29%, 47%
CMY	0.7686, 0.7137, 0.5294
CMYK	0.51, 0.39, 0.00, 0.53
HSL	226°, 34%, 35%
HSV	226°, 51%, 47%
XYZ	7.5763, 7.0510, 18.7310
YIQ	74.1720, -23.4310, 11.6490

Conversions

Conversions Part 2

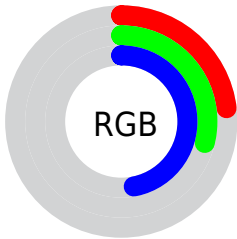
Format	Color
RYB	59, 70, 120
Decimal	3885432
CIELab	31.92, 8.62, -28.61
CIELCh	32, 29.878, 286.771
Yxy	7.0510, 0.2271, 0.2114
Android (android.graphics.Color)	4282075512 (0xFF3B4978)
YUV	74.1720, 22.5932, -13.3058
Hunter-Lab	26.5536, 4.4611, -23.2356

Details

The YUV color **74.1720, 22.5932, -13.3058** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **104.8280, -22.5932, 13.3058**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6390, 24.3350, -11.9614**, and **26.3020, 22.0361, -21.3129** is the 20% darker color. If you saturate the color by 10%, you get **65.3010, 26.9666, -16.0500**, and if you desaturate by 10%, it is **83.0430, 18.2198, -10.5617**.

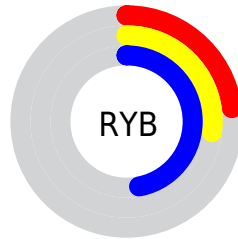
Distribution



 Red (23%)

 Green (29%)

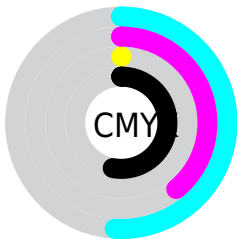
 Blue (47%)




 Red (23%)

 Yellow (27%)

 Blue (47%)

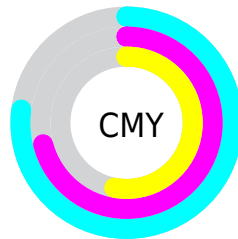


 Cyan (51%)

 Magenta (39%)

 Yellow (0%)

 Black (53%)



 Cyan (77%)

 Magenta (71%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.1720, 22.5932, -13.3058 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 74.1720, 22.5932, -13.3058 by changing the saturation by 10% instead.

■ 74.1720, 22.5932,
-13.3058

■ 74.1720, 22.5932,
-13.3058

■ 255.0000, 0.0000,
0.0000

■ 50.6340, 21.8724,
-15.4650

■ 123.6390, 24.3350,
-11.9614

■ 26.3020, 22.0361,
-21.3129

■ 149.7530, 24.7718,
-12.0614

■ 7.8200, 19.8087,
-6.8581

■ 176.8670, 25.2086,
-12.1614

■ 3.6650, 11.5042,
-3.2142

■ 204.1660, 25.0612,
-11.5466

■ 0.0000, 0.0000,
0.0000

■ 228.9740, 12.8308,
-8.7472

■ 252.9070, 1.0318,

-4.3034

■ 74.1720, 22.5932,
-13.3058

■ 74.1720, 22.5932,
-13.3058

■ 65.3010, 26.9666,
-16.0500

■ 83.0430, 18.2198,
-10.5617

■ 56.4300, 31.3400,
-18.7941

■ 91.9140, 13.8464,
-7.8176

■ 46.9720, 36.0028,
-21.0234

■ 101.3720, 9.1836,
-5.5882

■ 38.1010, 40.3762,
-23.7676

■ 110.2430, 4.8102,
-2.8441

■ 30.1160, 44.3128,
-26.4117

■ 119.1140, 0.4368,
-0.1000

■ 127.9850, -3.9366,
2.6442

■ 137.4430, -8.5994,
4.8735

■ 146.3140,
-12.9728, 7.6176

■ 155.1850,
-17.3462, 10.3618

Harmonies

Analogous

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



61.3410, 29.4119, -53.7961



74.1720, 22.5932, -13.3058



77.5730, 14.5075, 13.5295

Triad

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



74.1720, 22.5932, -13.3058



74.3820, -15.9643, 33.8680



57.7780, 3.0674, -50.6713

Complementary

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



74.1720, 22.5932, -13.3058



104.8280, -22.5932, 13.3058

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.



68.1600, -12.8969, -16.8033



74.1720, 22.5932, -13.3058



73.2850, -22.3255, 20.7981

Square

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



74.1720, 22.5932, -13.3058



75.0480, -5.9397, 38.5459



71.7020, -21.5451, 3.7693



61.1010, 13.2612, -53.5856

Rectangle

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



74.1720, 22.5932, -13.3058



77.0540, 8.3544, 27.1396



71.7020, -21.5451, 3.7693



63.4550, -3.6753, -34.6020

Sweetspot

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



74.1720, 22.5932, -13.3058



138.2580, 8.7468, -5.4883



100.1650, 2.8767, -36.1017



68.3570, 5.2470, -2.9441



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



74.1720, 22.5932, -13.3058



84.1570, 35.4186, -20.3087



70.7380, 24.2862, 3.7378



56.2710, 2.3314, -1.1147



31.2730, 46.2074, -27.4264



62.7740, 93.2884, -55.0528

Inverse Universe

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



78.8350, -2.8767, 36.1017



91.7990, -4.8309, 56.3043



108.2620, -24.2862, -3.7378



56.9080, -0.4476, 3.5887



40.6810, -5.7587, 73.9478



81.9600, -11.8123, 149.1251

Previews

White Background



This preview shows how the YUV color 74.1720, 22.5932, -13.3058 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 74.1720, 22.5932, -13.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

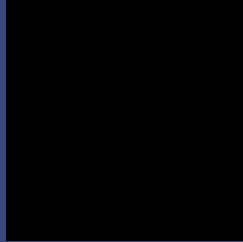
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.1720, 22.5932, -13.3058

Background



This preview shows how black text looks on a background with the YUV color 74.1720, 22.5932, -13.3058.



This preview shows how white text looks on a background with the YUV color 74.1720, 22.5932,

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

74.1720, 22.5932, -13.3058

Protanopia

73.5740, 22.8880, -14.5354

Deuteranopia

72.6550, 23.3411, -19.8684



Tritanopia

71.2300, 7.7746, -20.3727

Trichromacy



Original Color

74.1720, 22.5932, -13.3058

Protanomaly

73.8730, 22.7406, -13.9206

Deuteranomaly

72.9650, 23.1883, -17.5093

Tritanomaly

72.0330, 13.2947, -17.5689

Monochromacy



Original Color

74.1720, 22.5932, -13.3058

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.4430, 8.1626, -4.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.1720, 22.5932, -13.3058 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(59, 73, 120)` looks like.

```
.text, #text, p{  
    color:rgb(59, 73, 120)  
}
```

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(59, 73, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 73, 120) }
```

Border

The CSS property to change the border of an element to YUV 74.1720, 22.5932, -13.3058 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(59, 73, 120) }
```


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

```
.border{ border-color:rgb(59, 73, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 73, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 73, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 73, 120);  
box-shadow:4px 4px 4px 4px rgb(59, 73,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 74.1720, 22.5932, -13.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 73, 120) }
```

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

```
.background{ background-color: rgb(59, 73,  
120) }
```

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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