

Converting Colors

YUV(73.7120, 13.4530,
-21.6724)

Have a look what the booklet for
YUV(73.7120, 13.4530, -21.6724)
contains.

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Color

**YUV(73.7120, 13.4530,
-21.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	315165
RGB	49, 81, 101
RGB Percent	19%, 32%, 40%
CMY	0.8078, 0.6824, 0.6039
CMYK	0.51, 0.20, 0.00, 0.60
HSL	203°, 35%, 29%
HSV	203°, 51%, 40%
XYZ	6.5580, 7.4774, 13.4096
YIQ	73.7120, -25.4920, -0.5640

Conversions

Conversions Part 2

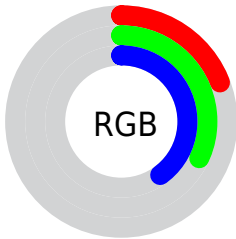
Format	Color
R_{YB}	49, 69, 101
Decimal	3232101
CIE _{Lab}	32.87, -5.57, -15.25
CIE _{LCh}	33, 16.233, 249.931
Yxy	7.4774, 0.2390, 0.2725
Android (android.graphics.Color)	4281422181 (0xFF315165)
YUV	73.7120, 13.4530, -21.6724
Hunter-Lab	27.3449, -5.0445, -9.9336




Details

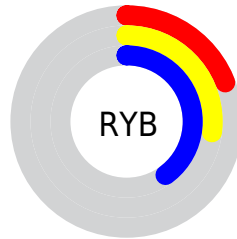
The YUV color **73.7120, 13.4530, -21.6724** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.2880, -13.4530, 21.6724**, and the grayscale version is **74.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **123.2390, 14.1792, -21.2576**, and **27.8750, 12.8796, -24.4464** is the 20% darker color. If you saturate the color by 10%, you get **68.3740, 16.0846, -25.7610**, and if you desaturate by 10%, it is **79.0500, 10.8214, -17.5838**.

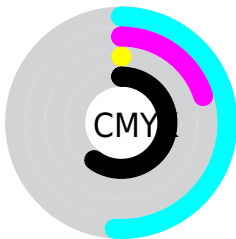
Distribution







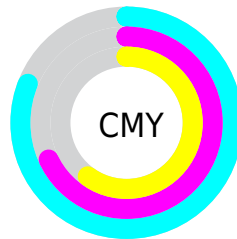
-  Red (19%)
-  Green (32%)
-  Blue (40%)






-  Red (19%)
-  Yellow (27%)
-  Blue (40%)



-  Cyan (51%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (81%)
-  Magenta (68%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7120, 13.4530, -21.6724 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 73.7120, 13.4530, -21.6724 by changing the saturation by 10% instead.

■ 73.7120, 13.4530,
-21.6724

■ 73.7120, 13.4530,
-21.6724

■ 255.0000, 0.0000,
0.0000

■ 50.0000, 13.3110,
-22.8020

■ 123.2390, 14.1792,
-21.2576

■ 27.8750, 12.8796,
-24.4464

■ 149.3530, 14.6160,
-21.3576

■ 12.5670, 10.0735,
-11.0213

■ 176.0540, 14.7634,
-21.9724

■ 0.7980, 3.0576,
-0.6998

■ 203.7550, 14.9108,
-22.5871

■ 0.0000, 0.0000,
0.0000

■ 230.9570, 11.8532,
-21.8873

■ 249.0200, 2.9481,

-12.2955

■ 73.7120, 13.4530,
-21.6724

■ 73.7120, 13.4530,
-21.6724

■ 68.3740, 16.0846,
-25.7610

■ 79.0500, 10.8214,
-17.5838

■ 63.0360, 18.7163,
-29.8496

■ 84.3880, 8.1897,
-13.4953

■ 57.6980, 21.3479,
-33.9381

■ 89.7260, 5.5581,
-9.4067

■ 52.3600, 23.9795,
-38.0267

■ 95.0640, 2.9264,
-5.3181

■ 47.9080, 26.1744,
-42.0153

■ 100.1140, 0.4368,
-0.1000

■ 105.4520, -2.1948,
3.9886

■ 110.7900, -4.8265,
8.0772

■ 116.1280, -7.4581,
12.1657

■ 121.4660,
-10.0897, 16.2543

Harmonies

Analogous

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



71.2720, 10.7119, -29.1795



73.7120, 13.4530, -21.6724



76.8600, 12.3940, -8.6472

Triad

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



73.7120, 13.4530, -21.6724



79.0350, -2.9753, 21.0173



74.3770, -8.5669, -5.5926

Complementary

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



73.7120, 13.4530, -21.6724



76.2880, -13.4530, 21.6724

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.



76.2320, -11.9464, 5.0585



73.7120, 13.4530, -21.6724



78.2430, -8.5008, 19.9579

Square

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



73.7120, 13.4530, -21.6724



79.3100, 3.2982, 15.5141



77.7000, -11.6841, 14.2951



72.9070, -2.4192, -17.4584

Rectangle

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



73.7120, 13.4530, -21.6724



78.3450, 10.1829, 0.5744



77.7000, -11.6841, 14.2951



75.0570, -9.8881, -1.8040

Sweetspot

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



73.7120, 13.4530, -21.6724



120.2100, 4.8265, -8.0772



81.8040, -6.3124, -28.7691



60.0640, 2.9264, -5.3181



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



73.7120, 13.4530, -21.6724



87.5840, 20.9111, -33.8382



58.4500, 20.9772, -8.2876



48.3310, 1.3158, -2.0443



54.7870, 29.6850, -48.0482



115.0510, 62.5859, -100.8997

Inverse Universe

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



68.1960, 6.3124, 28.7691



78.9190, 9.8999, 44.7980



91.5500, -20.9771, 8.2877



47.8370, 0.5734, 2.7740



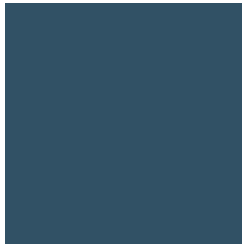
42.4790, 14.0609, 63.6009



89.3440, 29.4104, 133.8793

Previews

White Background



This preview shows how the YUV color 73.7120, 13.4530, -21.6724 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 73.7120, 13.4530, -21.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

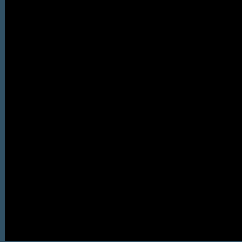
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7120, 13.4530, -21.6724

Background



This preview shows how black text looks on a background with the YUV color 73.7120, 13.4530, -21.6724.



This preview shows how white text looks on a background with the YUV color 73.7120, 13.4530,

-21.6724.

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

73.7120, 13.4530, -21.6724

Protanopia

77.3120, 10.1992, -4.6586

Deuteranopia

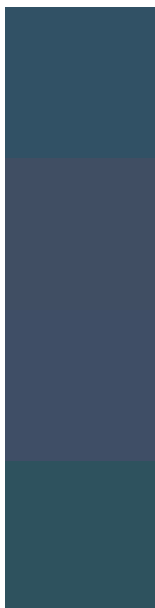
77.4690, 12.0938, -5.6733



Tritanopia

72.4360, 8.6591, -24.0614

Trichromacy



Original Color

73.7120, 13.4530, -21.6724

Protanomaly

76.2080, 11.2365, -10.7064

Deuteranomaly

76.2510, 12.6943, -11.6211

Tritanomaly

72.6040, 10.5482, -23.3317

Monochromacy



Original Color

73.7120, 13.4530, -21.6724

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2100, 4.8265, -8.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7120, 13.4530, -21.6724 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(49, 81, 101)` looks like.

```
.text, #text, p{  
    color:rgb(49, 81, 101)  
}
```

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(49, 81, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 81, 101) }
```

Border

The CSS property to change the border of an element to YUV 73.7120, 13.4530, -21.6724 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(49, 81, 101) }
```


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

```
.border{ border-color:rgb(49, 81, 101) }
```

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

Here you see how a box with a 4 pixel rgb(49, 81, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 81, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 81, 101);  
box-shadow:4px 4px 4px 4px rgb(49, 81,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 73.7120, 13.4530, -21.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 81, 101) }
```

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

```
.background{ background-color: rgb(49, 81,  
101) }
```

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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