

Converting Colors

YUV(72.8720, 24.2201,
-21.8127)

Have a look what the booklet for
YUV(72.8720, 24.2201, -21.8127)
contains.

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Color

**YUV(72.8720, 24.2201,
-21.8127)**

Conversions

Conversions Part 1

Format	Color
Hex	304C7A
RGB	48, 76, 122
RGB Percent	19%, 30%, 48%
CMY	0.8118, 0.7020, 0.5216
CMYK	0.61, 0.38, 0.00, 0.52
HSL	217°, 44%, 33%
HSV	217°, 61%, 48%
XYZ	7.3162, 7.2024, 19.4169
YIQ	72.8720, -31.4540, 8.3700

Conversions

Conversions Part 2

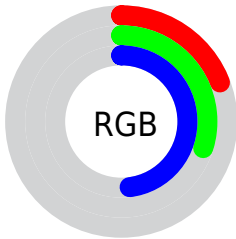
Format	Color
R_{YB}	48, 68, 122
Decimal	3165306
CIE _{Lab}	32.26, 4.66, -29.36
CIE _{LCh}	32, 29.729, 279.021
Yxy	7.2024, 0.2156, 0.2122
Android (android.graphics.Color)	4281355386 (0xFF304C7A)
YUV	72.8720, 24.2201, -21.8127
Hunter-Lab	26.8373, 1.6963, -24.1106

Details

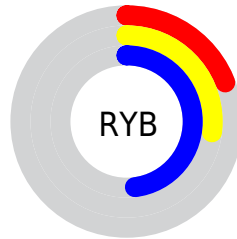
The YUV color **72.8720, 24.2201, -21.8127** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **97.1280, -24.2201, 21.8127**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5240, 25.3777, -19.7535**, and **27.6930, 22.3364, -24.2868** is the 20% darker color. If you saturate the color by 10%, you get **64.5880, 28.3041, -25.0717**, and if you desaturate by 10%, it is **81.1560, 20.1361, -18.5538**.

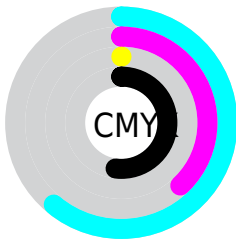
Distribution



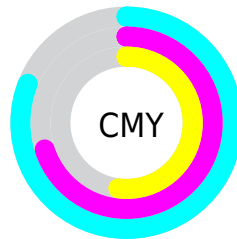
- Red (19%)
- Green (30%)
- Blue (48%)



- Red (19%)
- Yellow (27%)
- Blue (48%)



- Cyan (61%)
- Magenta (38%)
- Yellow (0%)
- Black (52%)



- Cyan (81%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8720, 24.2201, -21.8127 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 72.8720, 24.2201, -21.8127 by changing the saturation by 10% instead.

■ 72.8720, 24.2201,
-21.8127

■ 72.8720, 24.2201,
-21.8127

■ 255.0000, 0.0000,
0.0000

■ 48.1380, 24.0890,
-26.4310

■ 123.5240, 25.3777,
-19.7535

■ 27.6930, 22.3364,
-24.2868

■ 149.0510, 26.1039,
-19.3387

■ 10.3960, 19.5248,
-9.1173

■ 176.1650, 26.5407,
-19.4387

■ 4.3660, 11.6516,
-3.8290

■ 203.2360, 25.5197,
-18.6240

■ 0.0000, 0.0000,
0.0000

■ 228.0440, 13.2893,
-15.8246

■ 250.2160, 2.3585,

-9.8364

■ 72.8720, 24.2201,
-21.8127

■ 72.8720, 24.2201,
-21.8127

■ 64.5880, 28.3041,
-25.0717

■ 81.1560, 20.1361,
-18.5538

■ 56.8910, 32.0987,
-28.8454

■ 88.8530, 16.3415,
-14.7801

■ 48.3080, 36.3302,
-32.7191

■ 97.4360, 12.1101,
-10.9064

■ 40.9100, 39.9774,
-35.8781

■ 105.1330, 8.3154,
-7.1326

■ 113.4170, 4.2314,
-3.8737

■ 121.7010, 0.1474,
-0.6148

■ 129.3980, -3.6472,
3.1590

■ 137.9810, -7.8786,
7.0327

■ 145.6780,
-11.6733, 10.8064

Harmonies

Analogous

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



62.2870, 27.9595, -54.6257



72.8720, 24.2201, -21.8127



78.1100, 16.7078, 7.7965

Triad

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



72.8720, 24.2201, -21.8127



75.3760, -13.4964, 35.6272



63.3730, -2.6489, -37.1611

Complementary

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



72.8720, 24.2201, -21.8127



97.1280, -24.2201, 21.8127

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.



70.3950, -15.9707, -10.8704



72.8720, 24.2201, -21.8127



74.9480, -21.1734, 24.6016

Square

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



72.8720, 24.2201, -21.8127



76.4330, -3.1715, 37.3313



73.2080, -22.2875, 8.5876



61.0040, 10.3510, -53.5005

Rectangle

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



72.8720, 24.2201, -21.8127



78.3030, 10.6966, 22.5363



73.2080, -22.2875, 8.5876



67.0600, -7.9176, -27.2396

Sweetspot

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



72.8720, 24.2201, -21.8127



139.0620, 9.3364, -7.9474



96.6820, -1.3222, -42.6941



67.4600, 5.6892, -4.7884



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.



72.8720, 24.2201, -21.8127



81.3510, 37.7880, -33.6338



59.1270, 30.9964, -1.8654



56.8580, 2.0420, -1.6295



41.8390, 40.9984, -36.6928



85.0800, 82.2916, -74.6152

Inverse Universe

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



73.3180, 1.3222, 42.6941



82.2870, 1.8305, 66.4003



110.8730, -30.9964, 1.8654



57.0220, -0.0108, 3.4887



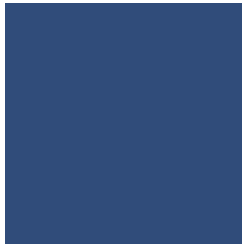
42.7330, 2.1036, 72.1482



86.2920, 4.7860, 145.3259

Previews

White Background



This preview shows how the YUV color 72.8720, 24.2201, -21.8127 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 72.8720, 24.2201, -21.8127 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 72.8720, 24.2201, -21.8127

Background



This preview shows how black text looks on a background with the YUV color 72.8720, 24.2201, -21.8127.



This preview shows how white text looks on a background with the YUV color 72.8720, 24.2201, -21.8127.

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

72.8720, 24.2201, -21.8127

Protanopia

74.4600, 22.4512, -14.4354

Deuteranopia

72.8720, 24.2201, -21.8127



Tritanopia

68.7340, 9.9911, -31.3387

Trichromacy



Original Color

72.8720, 24.2201, -21.8127

Protanomaly

73.9650, 23.1883, -17.5093

Deuteranomaly

72.8720, 24.2201, -21.8127

Tritanomaly

69.8360, 15.3639, -27.9202

Monochromacy



Original Color

72.8720, 24.2201, -21.8127

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9480, 8.8996, -7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8720, 24.2201, -21.8127 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(48, 76, 122)` looks like.

```
.text, #text, p{  
    color:rgb(48, 76, 122)  
}
```

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(48, 76, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 76, 122) }
```

Border

The CSS property to change the border of an element to YUV 72.8720, 24.2201, -21.8127 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(48, 76, 122) }
```


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

```
.border{ border-color:rgb(48, 76, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 76, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 76, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 76, 122);  
box-shadow:4px 4px 4px 4px rgb(48, 76,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 72.8720, 24.2201, -21.8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 76, 122) }
```

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

```
.background{ background-color: rgb(48, 76,  
122) }
```

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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