

Converting Colors

YUV(72.0280, 10.8322,
-21.0726)

Have a look what the booklet for
YUV(72.0280, 10.8322, -21.0726)
contains.

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Color

**YUV(72.0280, 10.8322,
-21.0726)**

Conversions

Conversions Part 1

Format	Color
Hex	30505E
RGB	48, 80, 94
RGB Percent	19%, 31%, 37%
CMY	0.8118, 0.6863, 0.6314
CMYK	0.49, 0.15, 0.00, 0.63
HSL	198°, 32%, 28%
HSV	198°, 49%, 37%
XYZ	6.1080, 7.1739, 11.6524
YIQ	72.0280, -23.5660, -2.4300

Conversions

Conversions Part 2

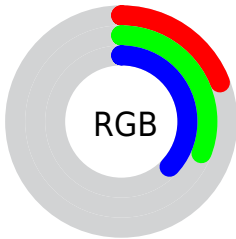
Format	Color
R_{YB}	48, 67, 94
Decimal	3166302
CIE _{Lab}	32.20, -7.48, -11.85
CIE _{LCh}	32, 14.017, 237.732
Yxy	7.1739, 0.2450, 0.2877
Android (android.graphics.Color)	4281356382 (0xFF30505E)
YUV	72.0280, 10.8322, -21.0726
Hunter-Lab	26.7840, -6.1661, -7.0454




Details

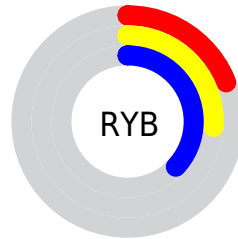
The YUV color **72.0280, 10.8322, -21.0726** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.9720, -10.8322, 21.0726**, and the grayscale version is **72.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **121.1420, 11.2690, -21.1725**, and **26.6040, 10.5482, -23.3317** is the 20% darker color. If you saturate the color by 10%, you get **67.5760, 13.0270, -25.0612**, and if you desaturate by 10%, it is **76.4800, 8.6374, -17.0840**.

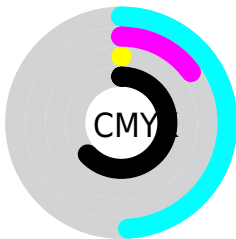
Distribution







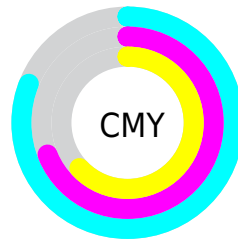
-  Red (19%)
-  Green (31%)
-  Blue (37%)






-  Red (19%)
-  Yellow (26%)
-  Blue (37%)



-  Cyan (49%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (81%)
-  Magenta (69%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0280, 10.8322, -21.0726 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 72.0280, 10.8322, -21.0726 by changing the saturation by 10% instead.

■ 72.0280, 10.8322,
-21.0726

■ 72.0280, 10.8322,
-21.0726

■ 255.0000, 0.0000,
0.0000

■ 48.6150, 10.5428,
-21.5874

■ 121.1420, 11.2690,
-21.1725

■ 26.6040, 10.5482,
-23.3317

■ 147.2560, 11.7058,
-21.2725

■ 11.2960, 7.7421,
-9.9066

■ 173.9570, 11.8532,
-21.8873

■ 0.0000, 0.0000,
0.0000

■ 201.6580, 12.0006,
-22.5021

■ 229.7720, 12.4374,
-22.6020

■ 248.1230, 3.3904,

-14.1399

■ 72.0280, 10.8322,
-21.0726

■ 72.0280, 10.8322,
-21.0726

■ 67.5760, 13.0270,
-25.0612

■ 76.4800, 8.6374,
-17.0840

■ 62.8250, 15.3693,
-29.6645

■ 81.2310, 6.2951,
-12.4806

■ 58.3730, 17.5641,
-33.6531

■ 85.6830, 4.1003,
-8.4920

■ 54.2090, 19.6170,
-38.7713

■ 89.8470, 2.0474,
-3.3738

■ 49.7570, 21.8118,
-42.7599

■ 94.2990, -0.1474,
0.6148

■ 48.8710, 22.2486,
-42.8599

■ 98.7510, -2.3422,
4.6034

■ 103.5020, -4.6845,
9.2067

■ 107.9540, -6.8793,
13.1953

■ 112.7050, -9.2216,
17.7987

Harmonies

Analogous

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



70.7950, 7.4961, -24.3762



72.0280, 10.8322, -21.0726



74.6100, 11.5313, -11.9360

Triad

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



72.0280, 10.8322, -21.0726



77.6970, -0.3436, 16.9287



73.9970, -8.8725, -0.8744

Complementary

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



72.0280, 10.8322, -21.0726



69.9720, -10.8322, 21.0726

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.



75.5960, -10.6468, 8.2473



72.0280, 10.8322, -21.0726



76.7420, -5.2958, 18.6433

Square

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



72.0280, 10.8322, -21.0726



77.7330, 5.0616, 9.8812



76.3950, -9.0687, 15.4396



72.7830, -4.3300, -11.2107

Rectangle

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



72.0280, 10.8322, -21.0726



75.7250, 10.4886, -4.1438



76.3950, -9.0687, 15.4396



74.4920, -9.6096, 2.1995

Sweetspot

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



72.0280, 10.8322, -21.0726



113.6830, 4.1003, -8.4920



76.5980, -7.1968, -25.0804



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.



72.0280, 10.8322, -21.0726



87.5580, 16.9799, -32.9384



58.5270, 17.4882, -9.2322



43.9180, 1.0264, -2.5591



57.1520, 26.0541, -50.1223



123.8730, 55.7716, -108.6366

Inverse Universe

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



65.4020, 7.1968, 25.0804



77.2280, 11.2266, 39.2650



83.4730, -17.4882, 9.2322



42.9510, 1.0102, 2.6740



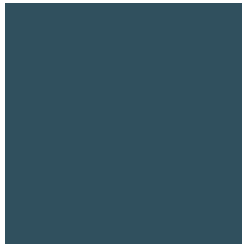
41.5540, 16.9819, 60.0271



89.6730, 37.1362, 129.2058

Previews

White Background



This preview shows how the YUV color 72.0280, 10.8322, -21.0726 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 72.0280, 10.8322, -21.0726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

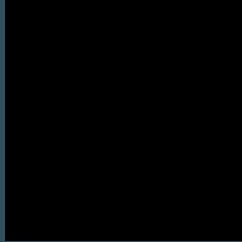
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.0280, 10.8322, -21.0726

Background



This preview shows how black text looks on a background with the YUV color 72.0280, 10.8322, -21.0726.



This preview shows how white text looks on a background with the YUV color 72.0280, 10.8322,

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

72.0280, 10.8322, -21.0726

Protanopia

75.8130, 6.9942, -3.3440

Deuteranopia

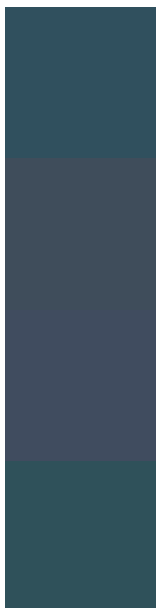
76.0950, 9.3202, -2.7143



Tritanopia

71.3330, 8.2168, -22.2170

Trichromacy



Original Color

72.0280, 10.8322, -21.0726

Protanomaly

74.4100, 8.1789, -10.0066

Deuteranomaly

74.5780, 10.0680, -9.2769

Tritanomaly

71.8600, 8.9430, -21.8022

Monochromacy



Original Color

72.0280, 10.8322, -21.0726

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9820, 3.9529, -7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0280, 10.8322, -21.0726 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, 80, 94)` looks like.

```
.text, #text, p{  
    color:rgb(48, 80, 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(48, 80, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 80, 94) }
```

Border

The CSS property to change the border of an element to YUV 72.0280, 10.8322, -21.0726 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, 80, 94) }
```


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

```
.border{ border-color:rgb(48, 80, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 80, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 80, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 80, 94);  
box-shadow:4px 4px 4px 4px rgb(48, 80, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.0280, 10.8322, -21.0726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 80, 94) }
```

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

```
.background{ background-color: rgb(48, 80,  
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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