

Converting Colors

YUV(73.0570, 23.6359,
-21.0980)

Have a look what the booklet for
YUV(73.0570, 23.6359, -21.0980)
contains.

YUV(73.0570, 23.6359, -21.0980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(73.0570, 23.6359,
-21.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	314C79
RGB	49, 76, 121
RGB Percent	19%, 30%, 47%
CMY	0.8078, 0.7020, 0.5255
CMYK	0.60, 0.37, 0.00, 0.53
HSL	218°, 42%, 33%
HSV	218°, 60%, 47%
XYZ	7.3023, 7.2023, 19.0945
YIQ	73.0570, -30.5370, 8.2710

Conversions

Conversions Part 2

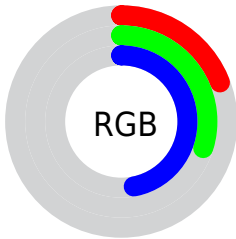
Format	Color
R_{YB}	49, 69, 121
Decimal	3230841
CIE _{Lab}	32.26, 4.53, -28.73
CIE _{LCh}	32, 29.089, 278.952
Yxy	7.2023, 0.2173, 0.2144
Android (android.graphics.Color)	4281420921 (0xFF314C79)
YUV	73.0570, 23.6359, -21.0980
Hunter-Lab	26.8372, 1.6039, -23.3985

Details

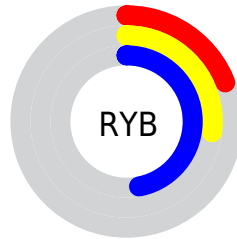
The YUV color **73.0570, 23.6359, -21.0980** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **96.9430, -23.6359, 21.0980**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4100, 24.9409, -19.6536**, and **27.5790, 21.8996, -24.1868** is the 20% darker color. If you saturate the color by 10%, you get **64.7730, 27.7199, -24.3569**, and if you desaturate by 10%, it is **81.3410, 19.5519, -17.8391**.

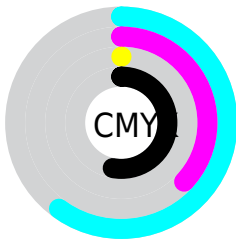
Distribution



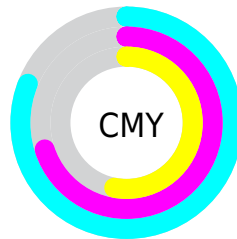
- Red (19%)
- Green (30%)
- Blue (47%)



- Red (19%)
- Yellow (27%)
- Blue (47%)



- Cyan (60%)
- Magenta (37%)
- Yellow (0%)
- Black (53%)



- Cyan (81%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.0570, 23.6359, -21.0980 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 73.0570, 23.6359, -21.0980 by changing the saturation by 10% instead.

■ 73.0570, 23.6359,
-21.0980

■ 73.0570, 23.6359,
-21.0980

■ 255.0000, 0.0000,
0.0000

■ 48.6220, 23.3574,
-25.1015

■ 123.4100, 24.9409,
-19.6536

■ 27.5790, 21.8996,
-24.1868

■ 149.2360, 25.5197,
-18.6240

■ 10.2820, 19.0880,
-9.0173

■ 176.3500, 25.9565,
-18.7239

■ 3.7790, 11.9410,
-3.3142

■ 203.2360, 25.5197,
-18.6240

■ 0.0000, 0.0000,
0.0000

■ 228.3430, 13.1419,
-15.2098

■ 250.5150, 2.2111,

-9.2217

■ 73.0570, 23.6359,
-21.0980

■ 73.0570, 23.6359,
-21.0980

■ 64.7730, 27.7199,
-24.3569

■ 81.3410, 19.5519,
-17.8391

■ 57.0760, 31.5145,
-28.1307

■ 89.0380, 15.7573,
-14.0653

■ 48.7920, 35.5985,
-31.3896

■ 97.3220, 11.6733,
-10.8064

■ 41.0950, 39.3932,
-35.1633

■ 105.0190, 7.8786,
-7.0327

■ 40.2090, 39.8300,
-35.2633

■ 113.3030, 3.7946,
-3.7737

■ 121.2990, -0.1474,
0.6148

■ 129.5830, -4.2314,
3.8737

■ 137.2800, -8.0260,
7.6474

■ 145.5640,
-12.1101, 10.9064

Harmonies

Analogous

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



62.1730, 27.5227, -54.5257



73.0570, 23.6359, -21.0980



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.



73.0570, 23.6359, -21.0980



75.9630, -13.7858, 35.1124



64.3840, -2.6543, -35.4168

Complementary

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



73.0570, 23.6359, -21.0980



96.9430, -23.6359, 21.0980

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.



70.5090, -15.5339, -10.9704



73.0570, 23.6359, -21.0980



75.0620, -20.7366, 24.5016

Square

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



73.0570, 23.6359, -21.0980



76.4330, -3.1715, 37.3313



73.3220, -21.8507, 8.4876



61.0040, 10.3510, -53.5005

Rectangle

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



73.0570, 23.6359, -21.0980



78.0040, 10.8440, 21.9215



73.3220, -21.8507, 8.4876



67.0710, -7.9230, -25.4953

Sweetspot

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



73.0570, 23.6359, -21.0980



139.0620, 9.3364, -7.9474



96.2800, -1.6170, -41.4646



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.



73.0570, 23.6359, -21.0980



83.4220, 36.7670, -32.8191



59.6000, 30.2702, -2.2802



56.8580, 2.0420, -1.6295



41.8390, 40.9984, -36.6928



84.4930, 82.5810, -74.1004

Inverse Universe

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



73.6060, 1.1802, 41.5645



84.2760, 1.8359, 64.6559



110.4000, -30.2702, 2.2802



57.0220, -0.0108, 3.4887



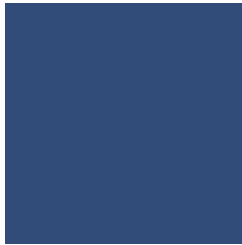
42.7330, 2.1036, 72.1482



86.1780, 4.3492, 145.4259

Previews

White Background



This preview shows how the YUV color 73.0570, 23.6359, -21.0980 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 73.0570, 23.6359, -21.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

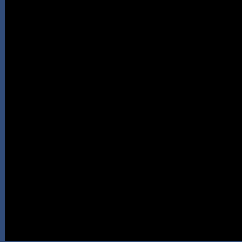
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.0570, 23.6359, -21.0980

Background



This preview shows how black text looks on a background with the YUV color 73.0570, 23.6359, -21.0980.



This preview shows how white text looks on a background with the YUV color 73.0570, 23.6359,

-21.0980.

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

73.0570, 23.6359, -21.0980

Protanopia

74.6450, 21.8670, -13.7207

Deuteranopia

73.3560, 23.4885, -20.4832



Tritanopia

69.3320, 9.6963, -30.1092

Trichromacy



Original Color

73.0570, 23.6359, -21.0980

Protanomaly

74.1500, 22.6040, -16.7946

Deuteranomaly

73.3560, 23.4885, -20.4832

Tritanomaly

70.4340, 15.0690, -26.6906

Monochromacy



Original Color

73.0570, 23.6359, -21.0980

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8340, 8.4628, -7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.0570, 23.6359, -21.0980 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, 76, 121)` looks like.

```
.text, #text, p{  
    color:rgb(49, 76, 121)  
}
```

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, 76, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 76, 121) }
```

Border

The CSS property to change the border of an element to YUV 73.0570, 23.6359, -21.0980 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, 76, 121) }
```


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

```
.border{ border-color:rgb(49, 76, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 76, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 76, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 76, 121);  
box-shadow:4px 4px 4px 4px rgb(49, 76,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 73.0570, 23.6359, -21.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 76, 121) }
```

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

```
.background{ background-color: rgb(49, 76,  
121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor