

Converting Colors

YUV(73.9010, 20.2618,
-12.1912)

Have a look what the booklet for
YUV(73.9010, 20.2618, -12.1912)
contains.

YUV(73.9010, 20.2618, -12.1912)	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(73.9010, 20.2618,
-12.1912)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4973
RGB	60, 73, 115
RGB Percent	24%, 29%, 45%
CMY	0.7647, 0.7137, 0.5490
CMYK	0.48, 0.37, 0.00, 0.55
HSL	226°, 31%, 34%
HSV	226°, 48%, 45%
XYZ	7.3405, 6.9636, 17.1769
YIQ	73.9010, -21.2300, 10.3060

Conversions

Conversions Part 2

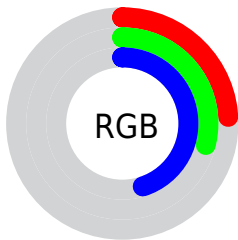
Format	Color
RYB	60, 71, 115
Decimal	3950963
CIELab	31.72, 7.22, -25.78
CIElCh	32, 26.777, 285.648
Yxy	6.9636, 0.2332, 0.2212
Android (android.graphics.Color)	4282141043 (0xFF3C4973)
YUV	73.9010, 20.2618, -12.1912
Hunter-Lab	26.3885, 3.4736, -20.1212

Details

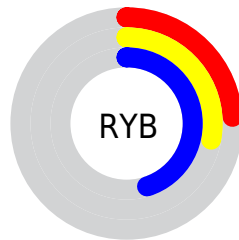
The YUV color **73.9010, 20.2618, -12.1912** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **101.0990, -20.2618, 12.1912**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9550, 21.7142, -11.3615**, and **27.3410, 19.5519, -17.8391** is the 20% darker color. If you saturate the color by 10%, you get **65.3290, 24.4878, -14.3205**, and if you desaturate by 10%, it is **82.7720, 15.8884, -9.4470**.

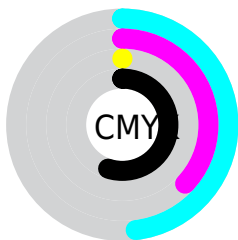
Distribution



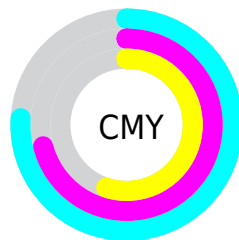
- Red (24%)
- Green (29%)
- Blue (45%)



- Red (24%)
- Yellow (28%)
- Blue (45%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (55%)



- Cyan (76%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.9010, 20.2618, -12.1912 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 73.9010, 20.2618, -12.1912 by changing the saturation by 10% instead.

■ 73.9010, 20.2618,
-12.1912

■ 73.9010, 20.2618,
-12.1912

■ 255.0000, 0.0000,
0.0000

■ 50.6620, 19.3936,
-13.7356

■ 122.9550, 21.7142,
-11.3615

■ 27.3410, 19.5519,
-17.8391

■ 149.3680, 22.0036,
-10.8467

■ 7.3640, 18.0615,
-6.4582

■ 176.2970, 23.0246,
-11.6615

■ 3.2090, 9.7570,
-2.8143

■ 203.7100, 23.3140,
-11.1467

■ 0.0000, 0.0000,
0.0000

■ 228.9740, 12.8308,
-8.7472

■ 252.9070, 1.0318,

-4.3034

■ 73.9010, 20.2618,
-12.1912

■ 73.9010, 20.2618,
-12.1912

■ 65.3290, 24.4878,
-14.3205

■ 82.7720, 15.8884,
-9.4470

■ 56.4580, 28.8612,
-17.0647

■ 91.3440, 11.6624,
-7.3177

■ 48.1740, 32.9452,
-20.3236

■ 99.3290, 7.7258,
-4.6735

■ 39.6020, 37.1712,
-22.4530

■ 108.2000, 3.3524,
-1.9294

■ 30.7310, 41.5446,
-25.1971

■ 117.0710, -1.0210,
0.8147

■ 28.9590, 42.4182,
-25.3970

■ 125.6430, -5.2470,
2.9441

■ 133.9270, -9.3310,
6.2030

■ 142.4990,
-13.5570, 8.3324

■ 151.3700,
-17.9304, 11.0765

Harmonies

Analogous

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



61.2660, 26.4909, -50.2223



73.9010, 20.2618, -12.1912



76.9210, 13.3499, 11.4703

Triad

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



73.9010, 20.2618, -12.1912



74.2290, -13.9169, 30.4942



62.8720, 0.5561, -38.4757

Complementary

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



73.9010, 20.2618, -12.1912



101.0990, -20.2618, 12.1912

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.



68.9970, -12.3235, -14.0294



73.9010, 20.2618, -12.1912



73.5560, -19.9941, 19.6834

Square

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



73.9010, 20.2618, -12.1912



75.7270, -5.7814, 34.4424



71.9840, -19.2191, 4.3990



59.5850, 12.5296, -52.2560

Rectangle

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



73.9010, 20.2618, -12.1912



76.8040, 7.4916, 23.8509



71.9840, -19.2191, 4.3990



65.6730, -4.2758, -28.6542

Sweetspot

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



73.9010, 20.2618, -12.1912



134.3290, 7.7258, -4.6735



96.9590, 1.9922, -32.4130



66.9440, 4.9576, -3.4589



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



73.9010, 20.2618, -12.1912



86.4300, 31.3400, -18.7941



70.4560, 21.9602, 3.1081



54.2710, 2.3314, -1.1147



30.9310, 44.8970, -27.1265



63.1330, 92.1254, -55.3676

Inverse Universe

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



77.9270, -2.4290, 32.5130



92.6950, -3.7936, 50.2565



104.5440, -21.9602, -3.1081



54.9080, -0.4476, 3.5887



39.7840, -5.3165, 72.1034



81.4760, -11.0807, 147.7955

Previews

White Background



This preview shows how the YUV color 73.9010, 20.2618, -12.1912 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 73.9010, 20.2618, -12.1912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

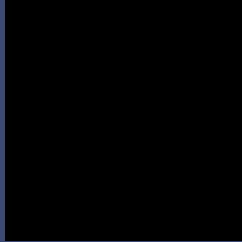
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.9010, 20.2618, -12.1912

Background



This preview shows how black text looks on a background with the YUV color 73.9010, 20.2618, -12.1912.



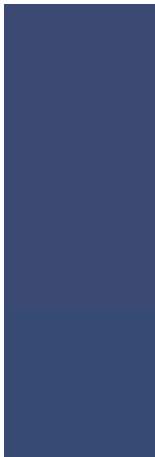
This preview shows how white text looks on a background with the YUV color 73.9010, 20.2618,

-12.1912.

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

73.9010, 20.2618, -12.1912

Protanopia

73.6020, 20.4092, -12.8060

Deuteranopia

72.6940, 20.8569, -16.3946



Tritanopia

71.3120, 6.7482, -17.8136

Trichromacy



Original Color

73.9010, 20.2618, -12.1912

Protanomaly

73.6020, 20.4092, -12.8060

Deuteranomaly

73.2920, 20.5620, -15.1651

Tritanomaly

72.2890, 11.6895, -16.0395

Monochromacy



Original Color

73.9010, 20.2618, -12.1912

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9010, 20.2618, -12.1912 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(60, 73, 115)` looks like.

```
.text, #text, p{  
    color:rgb(60, 73, 115)  
}
```

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(60, 73, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 73, 115) }
```

Border

The CSS property to change the border of an element to YUV 73.9010, 20.2618, -12.1912 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(60, 73, 115) }
```


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

```
.border{ border-color:rgb(60, 73, 115) }
```

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

Here you see how a box with a 4 pixel rgb(60, 73, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 73, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 73, 115);  
box-shadow:4px 4px 4px 4px rgb(60, 73,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 73.9010, 20.2618, -12.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 73, 115) }
```

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

```
.background{ background-color: rgb(60, 73,  
115) }
```

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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