

Converting Colors

YUV(73.3610, 5.7380, -20.4876)

Have a look what the booklet for
YUV(73.3610, 5.7380, -20.4876)
contains.

YUV(73.3610, 5.7380, -20.4876)	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(73.3610, 5.7380,
-20.4876)**

Conversions

Conversions Part 1

Format	Color
Hex	325355
RGB	50, 83, 85
RGB Percent	20%, 33%, 33%
CMY	0.8039, 0.6745, 0.6667
CMYK	0.41, 0.02, 0.00, 0.67
HSL	183°, 26%, 26%
HSV	183°, 41%, 33%
XYZ	6.0483, 7.5205, 9.7271
YIQ	73.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

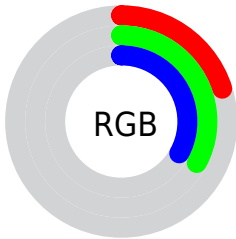
Format	Color
RYB	50, 67, 85
Decimal	3298133
CIELab	32.96, -11.43, -4.99
CIElCh	33, 12.471, 203.571
Yxy	7.5205, 0.2596, 0.3228
Android (android.graphics.Color)	4281488213 (0xFF325355)
YUV	73.3610, 5.7380, -20.4876
Hunter-Lab	27.4235, -8.6225, -1.8337




Details

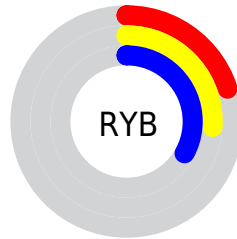
The YUV color **73.3610, 5.7380, -20.4876** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61.6390, -5.7380, 20.4876**, and the grayscale version is **73.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **122.7630, 6.0328, -21.7172**, and **27.7630, 6.0328, -21.7172** is the 20% darker color. If you saturate the color by 10%, you get **70.6700, 7.0647, -26.0206**, and if you desaturate by 10%, it is **75.7530, 4.5588, -15.5694**.

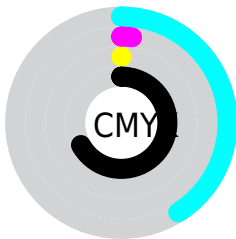
Distribution







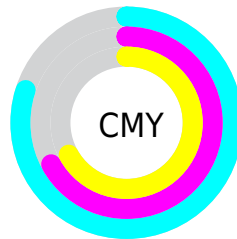
-  Red (20%)
-  Green (33%)
-  Blue (33%)






-  Red (20%)
-  Yellow (26%)
-  Blue (33%)



-  Cyan (41%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (80%)
-  Magenta (67%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3610, 5.7380, -20.4876 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 73.3610, 5.7380, -20.4876 by changing the saturation by 10% instead.

■ 73.3610, 5.7380,
-20.4876

■ 73.3610, 5.7380,
-20.4876

■ 255.0000, 0.0000,
0.0000

■ 50.3610, 5.7380,
-20.4876

■ 122.7630, 6.0328,
-21.7172

■ 27.7630, 6.0328,
-21.7172

■ 148.7630, 6.0328,
-21.7172

■ 12.8460, 3.5269,
-11.2659

■ 175.4640, 6.1802,
-22.3319

■ 0.0000, 0.0000,
0.0000

■ 202.4640, 6.1802,
-22.3319

■ 231.1650, 6.3277,
-22.9467

■ 248.4220, 3.2430,

-13.5251

■ 73.3610, 5.7380,
-20.4876

■ 73.3610, 5.7380,
-20.4876

■ 70.6700, 7.0647,
-26.0206

■ 75.7530, 4.5588,
-15.5694

■ 67.6910, 8.5333,
-30.4240

■ 79.0310, 2.9427,
-10.5512

■ 65.2990, 9.7126,
-35.3422

■ 81.4230, 1.7635,
-5.6330

■ 62.0210, 11.3286,
-40.3604

■ 84.7010, 0.1474,
-0.6148

■ 59.6290, 12.5079,
-45.2786

■ 87.3920, -1.1793,
4.9182

■ 56.6500, 13.9766,
-49.6820

■ 90.3710, -2.6479,
9.3216

■ 92.7630, -3.8272,
14.2398

■ 96.0410, -5.4432,
19.2580

■ 98.4330, -6.6225,
24.1763

Harmonies

Analogous

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



73.7160, 0.6330, -16.4139



73.3610, 5.7380, -20.4876



74.5830, 9.0796, -18.9283

Triad

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



73.3610, 5.7380, -20.4876



79.3090, 4.7777, 7.6220



77.2370, -9.4838, 8.5622

Complementary

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



73.3610, 5.7380, -20.4876



61.6390, -5.7380, 20.4876

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.



78.3240, -8.0477, 14.6249



73.3610, 5.7380, -20.4876



79.5010, 0.2460, 14.4696

Square

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



73.3610, 5.7380, -20.4876



78.1660, 8.2992, -1.8996



78.9590, -4.4168, 16.6990



76.1220, -8.4411, 0.7700

Rectangle

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



73.3610, 5.7380, -20.4876



75.5450, 10.0843, -14.5100



78.9590, -4.4168, 16.6990



77.6610, -9.1999, 10.8213

Sweetspot

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



73.3610, 5.7380, -20.4876



105.2270, 2.3531, -8.0921



70.7730, -9.2551, -18.2179



53.6080, 1.1793, -4.9182



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



73.3610, 5.7380, -20.4876



92.0930, 8.8282, -31.6536



63.3820, 10.6577, -11.7360



41.8040, 0.5896, -2.4591



71.4850, 17.5089, -62.6923



156.5170, 38.6921, -137.2654

Inverse Universe

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



64.2270, 9.2551, 18.2179



77.9600, 14.3167, 28.0991



71.6180, -10.6577, 11.7360



40.6520, 1.1576, 2.0592



43.5070, 28.3440, 55.6834



95.4590, 61.8917, 122.3775

Previews

White Background



This preview shows how the YUV color 73.3610, 5.7380, -20.4876 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 73.3610, 5.7380, -20.4876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

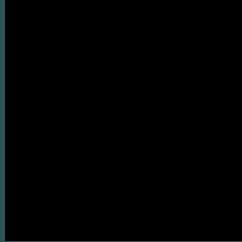
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3610, 5.7380, -20.4876

Background



This preview shows how black text looks on a background with the YUV color 73.3610, 5.7380, -20.4876.



This preview shows how white text looks on a background with the YUV color 73.3610, 5.7380, -20.4876.

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

73.3610, 5.7380, -20.4876

Protanopia

77.4560, 1.7472, -0.3999

Deuteranopia

77.8630, 4.5045, 1.8741



Tritanopia

73.5290, 7.6272, -19.7579

Trichromacy



Original Color

73.3610, 5.7380, -20.4876

Protanomaly

75.7540, 3.0793, -7.6773

Deuteranomaly

76.2210, 4.8210, -6.3328

Tritanomaly

73.4150, 7.1904, -19.6580

Monochromacy



Original Color

73.3610, 5.7380, -20.4876

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.4120, 1.7689, -7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3610, 5.7380, -20.4876 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(50, 83, 85)` looks like.

```
.text, #text, p{  
    color:rgb(50, 83, 85)  
}
```

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(50, 83, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 83, 85) }
```

Border

The CSS property to change the border of an element to YUV 73.3610, 5.7380, -20.4876 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(50, 83, 85) }
```


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

```
.border{ border-color:rgb(50, 83, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 83, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 83, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 83, 85);  
box-shadow:4px 4px 4px 4px rgb(50, 83, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.3610, 5.7380, -20.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 83, 85) }
```

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

```
.background{ background-color: rgb(50, 83,  
85) }
```

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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