

Converting Colors

YUV(53.3690, 3.7621, 6.6924)

Have a look what the booklet for
YUV(53.3690, 3.7621, 6.6924)
contains.

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Color

**YUV(53.3690, 3.7621,
6.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	3D303D
RGB	61, 48, 61
RGB Percent	24%, 19%, 24%
CMY	0.7608, 0.8118, 0.7608
CMYK	0.00, 0.21, 0.00, 0.76
HSL	300°, 12%, 21%
HSV	300°, 21%, 24%
XYZ	3.8237, 3.4429, 4.8779
YIQ	53.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

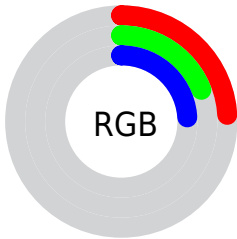
Format	Color
RYB	61, 48, 61
Decimal	4010045
CIELab	21.74, 8.67, -5.97
CIElCh	22, 10.522, 325.442
Yxy	3.4429, 0.3149, 0.2835
Android (android.graphics.Color)	4282200125 (0xFF3D303D)
YUV	53.3690, 3.7621, 6.6924
Hunter-Lab	18.5551, 4.3127, -2.5980

Details

The YUV color **53.3690, 3.7621, 6.6924** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.6310, -3.7621, -6.6924**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.0810, 3.9041, 7.8220**, and **7.8470, 5.4984, 9.7812** is the 20% darker color. If you saturate the color by 10%, you get **49.8470, 5.4984, 9.7812**, and if you desaturate by 10%, it is **56.8910, 2.0257, 3.6036**.

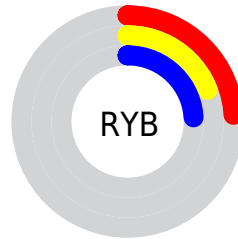
Distribution



Red (24%)

Green (19%)

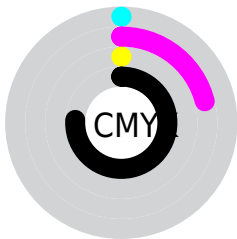
Blue (24%)



Red (24%)

Yellow (19%)

Blue (24%)

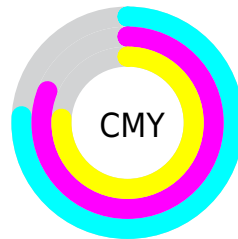


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (76%)



Cyan (76%)

Magenta (81%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.3690, 3.7621, 6.6924 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 53.3690, 3.7621, 6.6924 by changing the saturation by 10% instead.

■ 53.3690, 3.7621,
6.6924

■ 53.3690, 3.7621,
6.6924

■ 255.0000, 0.0000,
0.0000

■ 31.9560, 3.4727,
6.1776

■ 100.0810, 3.9041,
7.8220

■ 7.8470, 5.4984,
9.7812

■ 125.1950, 4.3409,
7.7220

■ 0.0000, 0.0000,
0.0000

■ 150.6080, 4.6303,
8.2368

■ 177.6080, 4.6303,
8.2368

■ 204.9070, 4.4828,
8.8516

■ 233.0210, 4.9196,

8.7516

■ 53.3690, 3.7621,
6.6924

■ 53.3690, 3.7621,
6.6924

■ 49.8470, 5.4984,
9.7812

■ 56.8910, 2.0257,
3.6036

■ 46.3250, 7.2348,
12.8700

■ 60.4130, 0.2894,
0.5148

■ 42.8030, 8.9711,
15.9588

■ 63.9350, -1.4470,
-2.5740

■ 39.2810, 10.7075,
19.0476

■ 67.4570, -3.1833,
-5.6628

■ 35.1720, 12.7332,
22.6512

■ 71.5660, -5.2090,
-9.2664

■ 31.6500, 14.4695,
25.7399

■ 75.0880, -6.9454,
-12.3552

■ 28.1280, 16.2059,
28.8287

■ 78.6100, -8.6817,
-15.4440

■ 25.1930, 17.6529,
31.4027

■ 82.1320, -10.4181,
-18.5328

■ 85.6540, -12.1544,
-21.6216

Harmonies

Analogous

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



53.0090, 6.4046, -0.8849



53.3690, 3.7621, 6.6924



53.7780, 0.1094, 11.5957

Triad

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



53.3690, 3.7621, 6.6924



51.7960, -7.2944, 6.3179



48.4540, 4.7062, -16.1842

Complementary

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



53.3690, 3.7621, 6.6924



55.6310, -3.7621, -6.6924

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.



48.8520, 1.0590, -13.0252



53.3690, 3.7621, 6.6924



51.2790, -6.5465, -0.2447

Square

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



53.3690, 3.7621, 6.6924



52.7580, -6.2897, 10.7362



49.7450, -3.3253, -6.7924



49.2630, 7.7583, -15.1397

Rectangle

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



53.3690, 3.7621, 6.6924



53.3930, -2.6587, 12.8103



49.7450, -3.3253, -6.7924



48.2260, 3.8326, -15.9842

Sweetspot

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



53.3690, 3.7621, 6.6924



76.0650, 1.4470, 2.5740



49.4820, 5.6784, -1.2997



39.2390, 0.8682, 1.5444



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



53.3690, 3.7621, 6.6924



66.6730, 6.0772, 10.8108



52.6850, 1.1413, 7.2923



29.2390, 0.8682, 1.5444



38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Inverse Universe

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



53.3690, 3.7621, 6.6924



66.6730, 6.0772, 10.8108



56.4290, -0.7045, -7.3922



29.2390, 0.8682, 1.5444



38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Previews

White Background



This preview shows how the YUV color 53.3690, 3.7621, 6.6924 looks on a white background.

Color Contrast Check

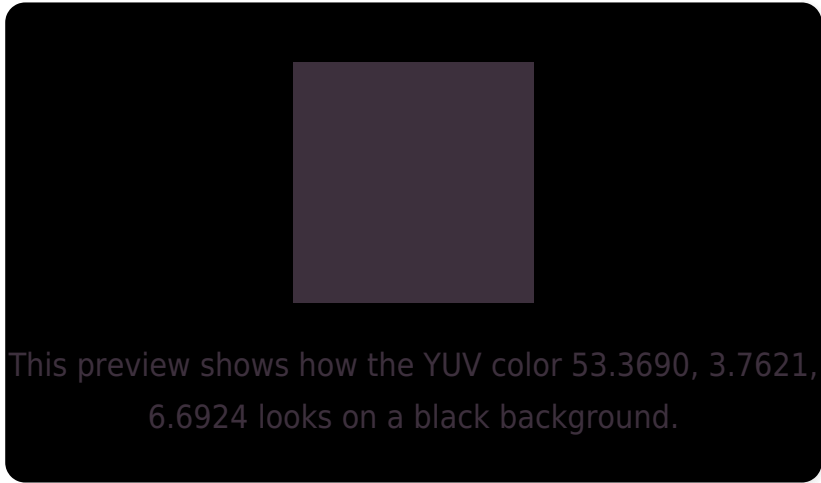
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 53.3690, 3.7621, 6.6924

Background



This preview shows how black text looks on a background with the YUV color 53.3690, 3.7621, 6.6924.



This preview shows how white text looks on a background with the YUV color 53.3690, 3.7621,

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

53.3690, 3.7621, 6.6924

Protanopia

52.7700, 5.5364, -2.4293

Deuteranopia

52.6240, 3.6364, 0.3298



Tritanopia

52.7450, 0.1257, 6.3626

Trichromacy



Original Color

53.3690, 3.7621, 6.6924

Protanomaly

53.2650, 4.7994, 0.6446

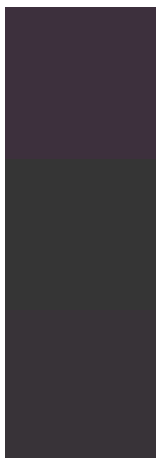
Deuteranomaly

52.9340, 3.4835, 2.6889

Tritanomaly

53.0870, 1.4361, 6.0627

Monochromacy



Original Color

53.3690, 3.7621, 6.6924

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3690, 3.7621, 6.6924 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(61, 48, 61)` looks like.

```
.text, #text, p{  
    color:rgb(61, 48, 61)  
}
```

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(61, 48, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 48, 61) }
```

Border

The CSS property to change the border of an element to YUV 53.3690, 3.7621, 6.6924 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(61, 48, 61) }
```


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

```
.border{ border-color:rgb(61, 48, 61) }
```

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

Here you see how a box with a 4 pixel rgb(61, 48, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 48, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 48, 61);  
box-shadow:4px 4px 4px 4px rgb(61, 48, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.3690, 3.7621, 6.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 48, 61) }
```

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

```
.background{ background-color: rgb(61, 48,  
61) }
```

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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