

Converting Colors

YUV(49.7320, 6.5411, 1.9890)

Have a look what the booklet for
YUV(49.7320, 6.5411, 1.9890)
contains.

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Color

**YUV(49.7320, 6.5411,
1.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	342E3F
RGB	52, 46, 63
RGB Percent	20%, 18%, 25%
CMY	0.7961, 0.8196, 0.7529
CMYK	0.17, 0.27, 0.00, 0.75
HSL	261°, 16%, 21%
HSV	261°, 27%, 25%
XYZ	3.2904, 3.0429, 5.1165
YIQ	49.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

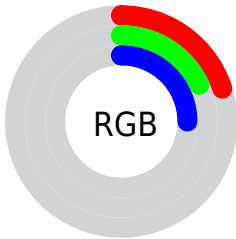
Format	Color
R_{YB}	52, 46, 63
Decimal	3419711
CIE Lab	20.22, 6.86, -9.73
CIE LCh	20, 11.906, 305.169
Yxy	3.0429, 0.2874, 0.2658
Android (android.graphics.Color)	4281609791 (0xFF342E3F)
YUV	49.7320, 6.5411, 1.9890
Hunter-Lab	17.4440, 3.1425, -5.1797

Details

The YUV color **49.7320, 6.5411, 1.9890** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.2680, -6.5411, -1.9890**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2590, 7.2673, 2.4039**, and **4.4870, 8.1409, 2.2039** is the 20% darker color. If you saturate the color by 10%, you get **45.0140, 8.8671, 2.6187**, and if you desaturate by 10%, it is **54.4500, 4.2151, 1.3593**.

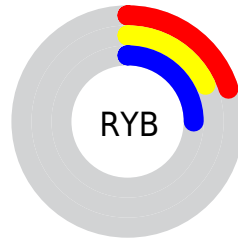
Distribution



Red (20%)

Green (18%)

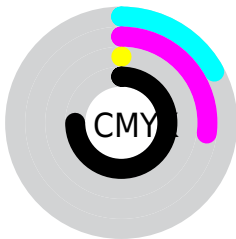
Blue (25%)



Red (20%)

Yellow (18%)

Blue (25%)

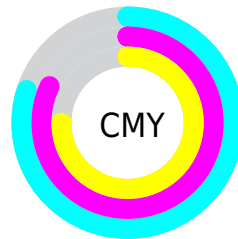


Cyan (17%)

Magenta (27%)

Yellow (0%)

Black (75%)



Cyan (80%)

Magenta (82%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.7320, 6.5411, 1.9890 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 49.7320, 6.5411, 1.9890 by changing the saturation by 10% instead.

■ 49.7320, 6.5411,
1.9890

■ 49.7320, 6.5411,
1.9890

■ 255.0000, 0.0000,
0.0000

■ 28.6180, 6.1043,
2.0890

■ 96.2590, 7.2673,
2.4039

■ 4.4870, 8.1409,
2.2039

■ 120.6720, 7.5567,
2.9187

■ 0.0000, 0.0000,
0.0000

■ 146.3730, 7.7041,
2.3039

■ 172.7860, 7.9935,
2.8187

■ 200.7860, 7.9935,
2.8187

■ 228.3130, 8.7197,

3.2335

253.2390, 0.8682,
1.5444

49.7320, 6.5411,
1.9890

49.7320, 6.5411,
1.9890

45.0140, 8.8671,
2.6187

54.4500, 4.2151,
1.3593

39.7090, 11.4825,
3.7632

59.7550, 1.5998,
0.2149

34.9910, 13.8084,
4.3929

64.4730, -0.7262,
-0.4148

30.2730, 16.1344,
5.0226

69.1910, -3.0522,
-1.0445

24.9680, 18.7498,
6.1671

74.4960, -5.6675,
-2.1890

■ 20.2500, 21.0757,
6.7968

■ 79.2140, -7.9935,
-2.8187

■ 15.2330, 23.5491,
6.8117

■ 84.2310, -10.4669,
-2.8336

■ 13.7600, 24.2753,
7.2265

■ 88.9490, -12.7929,
-3.4633

■ 94.2540, -15.4082,
-4.6078

Harmonies

Analogous

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



48.2470, 8.7522, -7.2326



49.7320, 6.5411, 1.9890



49.8640, 3.0250, 9.7663

Triad

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



49.7320, 6.5411, 1.9890



49.0030, -7.8895, 10.5214



44.8730, 2.5276, -17.4286

Complementary

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



49.7320, 6.5411, 1.9890



59.2680, -6.5411, -1.9890

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.



45.9510, -2.4408, -10.4810



49.7320, 6.5411, 1.9890



48.4430, -8.5994, 4.8735

Square

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



49.7320, 6.5411, 1.9890



49.4210, -5.1376, 14.5398



46.9690, -6.3937, -2.6038



44.3010, 6.7536, -19.5580

Rectangle

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



49.7320, 6.5411, 1.9890



49.9030, 0.5408, 13.2401



46.9690, -6.3937, -2.6038



45.4280, 0.7750, -15.2844

Sweetspot

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



49.7320, 6.5411, 1.9890



76.3960, 2.7628, 0.5297



54.3950, 4.2423, -7.3624



37.7550, 1.5998, 0.2149



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.



49.7320, 6.5411, 1.9890



61.0680, 10.3195, 3.4484



52.1240, 5.3619, 6.9073



28.6410, 1.1630, 0.3148



20.5830, 36.1946, 10.8897



48.6300, 85.4714, 25.7575

Inverse Universe

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



52.3370, 2.2989, 9.3515



65.0110, 3.4456, 14.8994



56.8760, -5.3619, -6.9073



29.1250, 0.4314, 1.6444



35.0600, 12.7884, 51.6904



82.7940, 30.1746, 122.0837

Previews

White Background



This preview shows how the YUV color 49.7320, 6.5411, 1.9890 looks on a white background.

Color Contrast Check

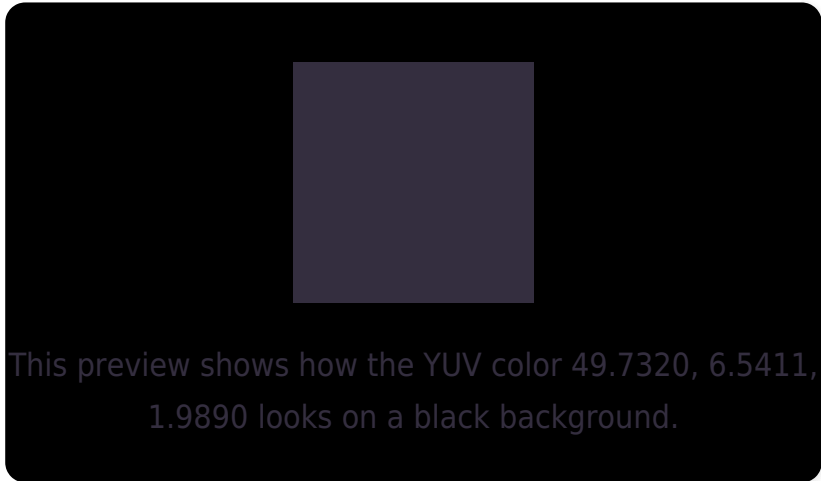
Large Text (above 18pt) WCAG AA ✓ Pass

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

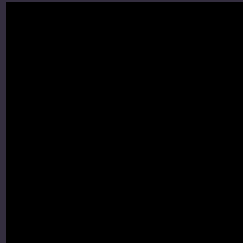
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.7320, 6.5411, 1.9890

Background



This preview shows how black text looks on a background with the YUV color 49.7320, 6.5411, 1.9890.



This preview shows how white text looks on a background with the YUV color 49.7320, 6.5411,

1.9890.

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

49.7320, 6.5411, 1.9890

Protanopia

48.7420, 8.0152, -4.1587

Deuteranopia

49.1120, 6.8468, -2.7292



Tritanopia

49.0540, 1.4524, 0.8296

Trichromacy



Original Color

49.7320, 6.5411, 1.9890

Protanomaly

48.9380, 7.4256, -1.6996

Deuteranomaly

49.1230, 6.8414, -0.9849

Tritanomaly

49.2220, 3.3416, 1.5593

Monochromacy



Original Color

49.7320, 6.5411, 1.9890

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.2820, 2.3260, 0.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.7320, 6.5411, 1.9890 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(52, 46, 63)` looks like.

```
.text, #text, p{  
    color:rgb(52, 46, 63)  
}
```

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(52, 46, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 46, 63) }
```

Border

The CSS property to change the border of an element to YUV 49.7320, 6.5411, 1.9890 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(52, 46, 63) }
```


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

```
.border{ border-color:rgb(52, 46, 63) }
```

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

Here you see how a box with a 4 pixel rgb(52, 46, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 46, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 46, 63);  
box-shadow:4px 4px 4px 4px rgb(52, 46, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.7320, 6.5411, 1.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 46, 63) }
```

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

```
.background{ background-color: rgb(52, 46,  
63) }
```

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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