

Converting Colors

YUV(53.9970, 38.4555, 32.4516)

Have a look what the booklet for
YUV(53.9970, 38.4555, 32.4516)
contains.

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Color

**YUV(53.9970, 38.4555,
32.4516)**

Conversions

Conversions Part 1

Format	Color
Hex	5B1484
RGB	91, 20, 132
RGB Percent	36%, 8%, 52%
CMY	0.6431, 0.9216, 0.4824
CMYK	0.31, 0.85, 0.00, 0.48
HSL	278°, 74%, 30%
HSV	278°, 85%, 52%
XYZ	8.7294, 4.3904, 22.2171
YIQ	53.9970, 6.3640, 49.8840

Conversions

Conversions Part 2

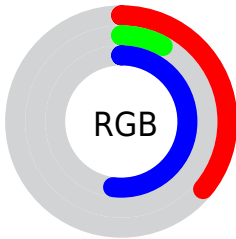
Format	Color
R_{YB}	91, 20, 132
Decimal	5969028
CIE _{Lab}	24.92, 49.20, -47.19
CIE _{LCh}	25, 68.172, 316.196
Yxy	4.3904, 0.2470, 0.1242
Android (android.graphics.Color)	4284159108 (0xFF5B1484)
YUV	53.9970, 38.4555, 32.4516
Hunter-Lab	20.9533, 37.6971, -48.1989

Details

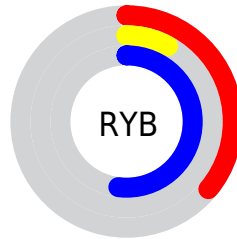
The YUV color **53.9970, 38.4555, 32.4516** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **98.0030, -38.4555, -32.4516**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.9970, 38.4555, 32.4516**, and **20.5960, 29.7792, 15.2633** is the 20% darker color. If you saturate the color by 10%, you get **44.8710, 42.9546, 36.0701**, and if you desaturate by 10%, it is **63.1230, 33.9564, 28.8331**.

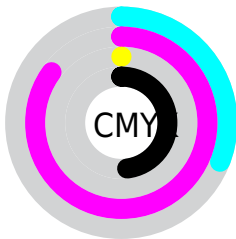
Distribution



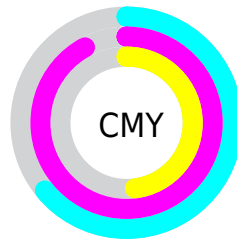
- Red (36%)
- Green (8%)
- Blue (52%)



- Red (36%)
- Yellow (8%)
- Blue (52%)



- Cyan (31%)
- Magenta (85%)
- Yellow (0%)
- Black (48%)



- Cyan (64%)
- Magenta (92%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.9970, 38.4555, 32.4516 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 53.9970, 38.4555, 32.4516 by changing the saturation by 10% instead.

■ 53.9970, 38.4555,
32.4516

■ 53.9970, 38.4555,
32.4516

■ 255.0000, 0.0000,
0.0000

■ 31.2200, 36.8665,
28.7481

■ 107.9970, 38.4555,
32.4516

■ 20.5960, 29.7792,
15.2633

■ 134.8230, 39.0343,
33.4812

■ 8.7050, 24.3024,
-1.4953

■ 162.0620, 39.9024,
35.0256

■ 5.1640, 14.7091,
-4.5288

■ 187.9500, 33.0557,
37.7549


■ 1.1400, 4.3680,
-0.9998


■ 211.5620, 21.4149,
38.0951


■ 0.0000, 0.0000,
0.0000


■ 227.9980, 13.3120,


23.6808


 245.0210, 4.9196,
8.7516


 53.9970, 38.4555,
32.4516


 53.9970, 38.4555,
32.4516


 44.8710, 42.9546,
36.0701


 63.1230, 33.9564,
28.8331

 40.1640, 45.2751,
38.4442

 72.2490, 29.4572,
25.2146

 81.6630, 24.8161,
20.4665

 90.7890, 20.3170,
16.8480

 99.9150, 15.8179,
13.2295

■ 109.0410, 11.3188,
9.6110

■ 118.1670, 6.8197,
5.9925

■ 127.8800, 2.0312,
1.8592

■ 136.7070, -2.3206,
-2.3740

Harmonies

Analogous

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



51.8130, 53.8292, -45.4400



53.9970, 38.4555, 32.4516



49.7560, 17.3753, 73.8820

Triad

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



53.9970, 38.4555, 32.4516



55.9830, -27.5996, 32.4639



55.7040, 15.4289, -48.8524

Complementary

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



53.9970, 38.4555, 32.4516



98.0030, -38.4555, -32.4516

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.



48.8470, -8.3056, -42.8388



53.9970, 38.4555, 32.4516



52.2080, -25.7385, -4.5674

Square

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



53.9970, 38.4555, 32.4516



37.6740, -18.5733, 77.4619



42.8510, -21.1255, -37.5803



61.0620, 35.9584, -53.5514

Rectangle

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



53.9970, 38.4555, 32.4516



48.5710, 1.1975, 82.8142



42.8510, -21.1255, -37.5803



53.6520, 7.5666, -47.0528

Sweetspot

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



53.9970, 38.4555, 32.4516



140.9750, 14.8023, 12.2999



56.8350, 37.0563, -32.3043



68.7480, 8.9982, 7.2370



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



53.9970, 38.4555, 32.4516



51.7860, 58.7725, 49.2997



64.5460, 25.8598, 59.1572



61.8800, 2.0312, 1.8592



39.3380, 44.6964, 37.4146



0.9400, 1.0156, 0.9296

Inverse Universe

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



58.1620, 1.3991, 64.7559



58.3110, 2.3117, 98.8283



87.4540, -25.8598, -59.1572



62.0220, -0.0108, 3.4887



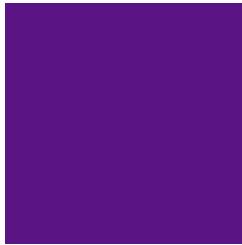
44.3420, 1.8034, 75.1221



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 53.9970, 38.4555, 32.4516 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 53.9970, 38.4555, 32.4516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

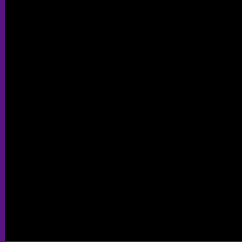
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.9970, 38.4555, 32.4516

Background



This preview shows how black text looks on a background with the YUV color 53.9970, 38.4555, 32.4516.



This preview shows how white text looks on a background with the YUV color 53.9970, 38.4555,

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

53.9970, 38.4555, 32.4516

Protanopia

48.7690, 37.0889, -42.7704

Deuteranopia

48.5920, 28.7951, -42.6152



Tritanopia

61.6320, -1.7906, 14.3547

Trichromacy



Original Color

53.9970, 38.4555, 32.4516

Protanomaly

50.7600, 37.5863, -15.5755

Deuteranomaly

50.6800, 32.2028, -15.5054

Tritanomaly

59.1610, 12.7386, 20.9068

Monochromacy



Original Color

53.9970, 38.4555, 32.4516

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0350, 13.7867, 11.3703

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9970, 38.4555, 32.4516 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(91, 20, 132)` looks like.

```
.text, #text, p{  
    color:rgb(91, 20, 132)  
}
```

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(91, 20, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 20, 132) }
```

Border

The CSS property to change the border of an element to YUV 53.9970, 38.4555, 32.4516 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(91, 20, 132) }
```


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

```
.border{ border-color:rgb(91, 20, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 20, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 20, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 20, 132);  
box-shadow:4px 4px 4px 4px rgb(91, 20,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 53.9970, 38.4555, 32.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 20, 132) }
```

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

```
.background{ background-color: rgb(91, 20,  
132) }
```

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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