

Converting Colors

YUV(53.5590, 22.4024, 1.2638)

Have a look what the booklet for
YUV(53.5590, 22.4024, 1.2638)
contains.

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Color

**YUV(53.5590, 22.4024,
1.2638)**

Conversions

Conversions Part 1

Format	Color
Hex	372C63
RGB	55, 44, 99
RGB Percent	22%, 17%, 39%
CMY	0.7843, 0.8275, 0.6118
CMYK	0.44, 0.56, 0.00, 0.61
HSL	252°, 38%, 28%
HSV	252°, 56%, 39%
XYZ	4.7284, 3.5144, 12.2335
YIQ	53.5590, -11.0990, 19.4370

Conversions

Conversions Part 2

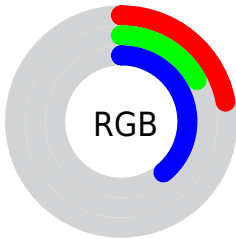
Format	Color
R_{YB}	55, 44, 99
Decimal	3615843
CIE _{Lab}	22.00, 20.11, -31.00
CIE _{LCh}	22, 36.950, 302.979
Yxy	3.5144, 0.2309, 0.1716
Android (android.graphics.Color)	4281805923 (0xFF372C63)
YUV	53.5590, 22.4024, 1.2638
Hunter-Lab	18.7468, 12.2146, -25.5678

Details

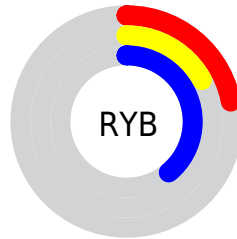
The YUV color **53.5590, 22.4024, 1.2638** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.4410, -22.4024, -1.2638**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3250, 23.9968, 3.2230**, and **8.9180, 21.2394, 0.9489** is the 20% darker color. If you saturate the color by 10%, you get **45.2970, 26.4756, 1.4935**, and if you desaturate by 10%, it is **61.8210, 18.3292, 1.0340**.

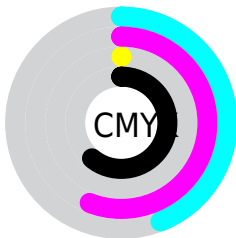
Distribution



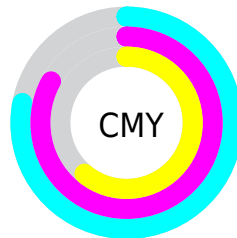
- Red (22%)
- Green (17%)
- Blue (39%)



- Red (22%)
- Yellow (17%)
- Blue (39%)



- Cyan (44%)
- Magenta (56%)
- Yellow (0%)
- Black (61%)



- Cyan (78%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.5590, 22.4024, 1.2638 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 53.5590, 22.4024, 1.2638 by changing the saturation by 10% instead.

■ 53.5590, 22.4024,
1.2638

■ 53.5590, 22.4024,
1.2638

■ 255.0000, 0.0000,
0.0000

■ 31.3200, 21.5342,
-0.2806

■ 101.3250, 23.9968,
3.2230

■ 8.9180, 21.2394,
0.9489

■ 126.8520, 24.7230,
3.6378

■ 4.5940, 12.5252,
-4.0289

■ 152.7920, 25.7385,
4.5674

■ 0.0000, 0.0000,
0.0000

■ 179.9060, 26.1753,
4.4674

■ 206.6350, 23.8439,
5.5821

■ 231.7420, 11.4662,

8.9963

252.0650, 1.4470,
2.5740

53.5590, 22.4024,
1.2638

53.5590, 22.4024,
1.2638

45.2970, 26.4756,
1.4935

61.8210, 18.3292,
1.0340

37.0350, 30.5487,
1.7233

70.0830, 14.2561,
0.8042

28.7730, 34.6219,
1.9531

78.3450, 10.1829,
0.5744

20.5110, 38.6951,
2.1829

86.6070, 6.1097,
0.3447

17.2660, 40.2949,
2.3977

94.8690, 2.0366,
0.1149

■ 102.5440, -1.7472,
0.3999

■ 110.5070, -5.6730,
-0.4446

■ 118.7690, -9.7461,
-0.6744

■ 127.0310,
-13.8193, -0.9042

Harmonies

Analogous

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



44.5970, 31.2577, -39.1116



53.5590, 22.4024, 1.2638



52.5150, 12.5641, 30.2433

Triad

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



53.5590, 22.4024, 1.2638



49.7700, -24.5366, 30.0197



44.4250, 5.2135, -38.9607

Complementary

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



53.5590, 22.4024, 1.2638



89.4410, -22.4024, -1.2638

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.



39.9450, -6.8749, -35.0318



53.5590, 22.4024, 1.2638



49.3610, -24.3350, 11.9614

Square

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



53.5590, 22.4024, 1.2638



49.0610, -12.3551, 42.9195



45.0980, -22.2333, -8.8559



47.5030, 17.0070, -41.6601

Rectangle

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



53.5590, 22.4024, 1.2638



49.6430, 5.1060, 42.4091



45.0980, -22.2333, -8.8559



43.2850, 0.8455, -37.9609

Sweetspot

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



53.5590, 22.4024, 1.2638



109.7040, 9.0199, 0.2596



76.0980, 11.2907, -28.1499



53.3790, 5.2362, 0.5446



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



53.5590, 22.4024, 1.2638



56.8870, 35.0587, 1.8531



61.9310, 18.2750, 18.4775



44.7550, 1.5998, 0.2149



19.3460, 45.6784, 2.3276



41.7120, 97.7560, 5.5146

Inverse Universe

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



65.4610, 11.1117, 29.4137



75.4660, 17.0253, 46.0723



81.3680, -18.4224, -17.8627



45.5380, 0.7208, 2.1592



43.7480, 22.8022, 59.8570



93.6480, 48.4875, 128.3507

Previews

White Background



This preview shows how the YUV color 53.5590, 22.4024, 1.2638 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 53.5590, 22.4024, 1.2638 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 53.5590, 22.4024, 1.2638

Background



This preview shows how black text looks on a background with the YUV color 53.5590, 22.4024, 1.2638.



This preview shows how white text looks on a background with the YUV color 53.5590, 22.4024,

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

53.5590, 22.4024, 1.2638

Protanopia

46.3210, 29.9147, -28.3455

Deuteranopia

42.5280, 25.8687, -37.2971



Tritanopia

51.8790, 3.5107, -6.0329

Trichromacy



Original Color

53.5590, 22.4024, 1.2638

Protanomaly

48.7030, 27.2614, -17.2795

Deuteranomaly

46.2740, 24.5149, -23.0423

Tritanomaly

52.4370, 10.6306, -3.0142

Monochromacy



Original Color

53.5590, 22.4024, 1.2638

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.4760, 8.1463, 0.4595

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.5590, 22.4024, 1.2638 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(55, 44, 99)` looks like.

```
.text, #text, p{  
    color:rgb(55, 44, 99)  
}
```

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(55, 44, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 44, 99) }
```

Border

The CSS property to change the border of an element to YUV 53.5590, 22.4024, 1.2638 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(55, 44, 99) }
```


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

```
.border{ border-color:rgb(55, 44, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 44, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 44, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 44, 99);  
box-shadow:4px 4px 4px 4px rgb(55, 44, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.5590, 22.4024, 1.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 44, 99) }
```

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

```
.background{ background-color: rgb(55, 44,  
99) }
```

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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