

Converting Colors

YUV(72.2550, 6.7763, 19.9474)

Have a look what the booklet for
YUV(72.2550, 6.7763, 19.9474)
contains.

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Color

**YUV(72.2550, 6.7763,
19.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	5F3A56
RGB	95, 58, 86
RGB Percent	37%, 23%, 34%
CMY	0.6275, 0.7725, 0.6627
CMYK	0.00, 0.39, 0.09, 0.63
HSL	315°, 24%, 30%
HSV	315°, 39%, 37%
XYZ	7.9121, 6.1309, 9.5705
YIQ	72.2550, 13.0640, 16.5520

Conversions

Conversions Part 2

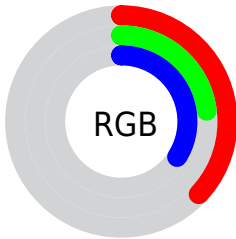
Format	Color
R_{YB}	95, 58, 86
Decimal	6240854
CIE _{Lab}	29.74, 21.16, -10.06
CIE _{LCh}	30, 23.431, 334.569
Yxy	6.1309, 0.3351, 0.2596
Android (android.graphics.Color)	4284430934 (0xFF5F3A56)
YUV	72.2550, 6.7763, 19.9474
Hunter-Lab	24.7606, 13.7073, -5.5843

Details

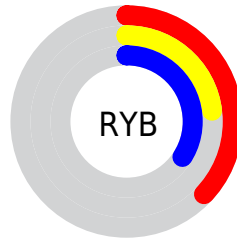
The YUV color **72.2550, 6.7763, 19.9474** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **80.7450, -6.7763, -19.9474**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3800, 7.2077, 21.5917**, and **27.2440, 6.7817, 18.2030** is the 20% darker color. If you saturate the color by 10%, you get **66.1570, 8.7966, 25.2953**, and if you desaturate by 10%, it is **78.3530, 4.7560, 14.5994**.

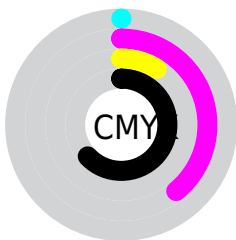
Distribution



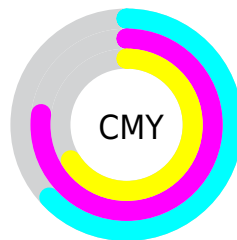
- Red (37%)
- Green (23%)
- Blue (34%)



- Red (37%)
- Yellow (23%)
- Blue (34%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (63%)



- Cyan (63%)
- Magenta (77%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2550, 6.7763, 19.9474 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 72.2550, 6.7763, 19.9474 by changing the saturation by 10% instead.

72.2550, 6.7763,
19.9474

72.2550, 6.7763,
19.9474

255.0000, 0.0000,
0.0000

49.5430, 6.6343,
18.8178

121.3800, 7.2077,
21.5917

27.2440, 6.7817,
18.2030

147.0920, 7.3496,
22.7213

11.0650, 4.8980,
15.7290

174.3910, 7.2022,
23.3361

0.0000, 0.0000,
0.0000

201.8040, 7.4916,
23.8509

228.6190, 8.0758,
23.1361

246.7820, 4.0515,

7.2072

■ 72.2550, 6.7763,
19.9474

■ 72.2550, 6.7763,
19.9474

■ 66.1570, 8.7966,
25.2953

■ 78.3530, 4.7560,
14.5994

■ 60.5320, 10.0907,
30.2284

■ 83.9780, 3.4618,
9.6663

■ 54.4340, 12.1110,
35.5764

■ 89.4890, 1.7309,
4.8331

■ 48.9230, 13.8420,
40.4095

■ 95.5870, -0.2894,
-0.5148

■ 43.2980, 15.1361,
45.3427

■ 101.7990, -1.8729,
-5.9627

■ 37.2000, 17.1564,
50.6906

■ 107.3100, -3.6038,
-10.7959

■ 36.6130, 17.4458,
51.2054

■ 112.8210, -5.3348,
-15.6290

■ 118.9190, -7.3551,
-20.9770

■ 125.1310, -8.9386,
-26.4249

Harmonies

Analogous

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



71.3930, 14.1033, 3.1633



72.2550, 6.7763, 19.9474



71.1330, -1.5446, 28.8244

Triad

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



72.2550, 6.7763, 19.9474



68.4730, -17.4882, 9.2322



56.6330, 16.4499, -49.6671

Complementary

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



72.2550, 6.7763, 19.9474



80.7450, -6.7763, -19.9474

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.



55.1680, 8.2982, -48.3823



72.2550, 6.7763, 19.9474



66.4110, -13.5136, -5.6224

Square

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



72.2550, 6.7763, 19.9474



69.8920, -16.2158, 21.1427



62.7060, -4.2921, -23.4212



56.2400, 22.5597, -49.3225

Rectangle

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



72.2550, 6.7763, 19.9474



70.6510, -7.2229, 30.1241



62.7060, -4.2921, -23.4212



56.0630, 14.2659, -49.1673

Sweetspot

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



72.2550, 6.7763, 19.9474



113.4400, 2.7411, 7.5071



64.9090, 14.8349, 1.8338



56.0760, 1.4415, 4.3183



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



72.2550, 6.7763, 19.9474



86.9450, 10.3801, 30.7432



70.2030, -1.0861, 21.7470



45.5380, 0.7208, 2.1592



43.1780, 20.6182, 60.3569



92.3940, 43.6828, 129.4505

Inverse Universe

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



72.2550, 6.7763, 19.9474



86.9450, 10.3801, 30.7432



82.7970, 1.0861, -21.7470



45.5380, 0.7208, 2.1592



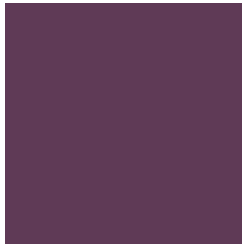
43.1780, 20.6182, 60.3569



92.3940, 43.6828, 129.4505

Previews

White Background



This preview shows how the YUV color 72.2550, 6.7763, 19.9474 looks on a white background.

Color Contrast Check

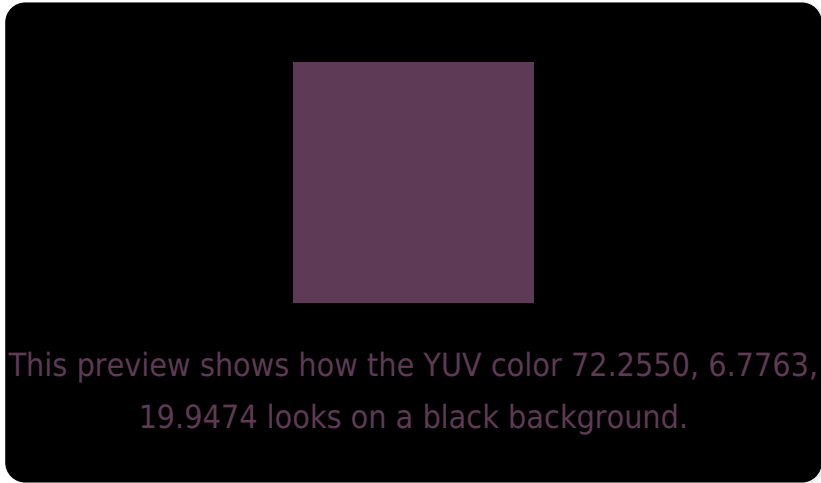
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.2550, 6.7763, 19.9474

Background



This preview shows how black text looks on a background with the YUV color 72.2550, 6.7763, 19.9474.



This preview shows how white text looks on a background with the YUV color 72.2550, 6.7763,

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

72.2550, 6.7763, 19.9474

Protanopia

70.6430, 11.5150, -6.7029

Deuteranopia

71.3080, 6.2572, -0.2701



Tritanopia

71.8390, -2.3856, 18.5582

Trichromacy



Original Color

72.2550, 6.7763, 19.9474

Protanomaly

71.5410, 9.5933, 3.0335

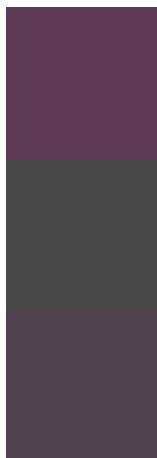
Deuteranomaly

71.7650, 6.5249, 7.2221

Tritanomaly

72.3490, 0.8139, 18.9879

Monochromacy



Original Color

72.2550, 6.7763, 19.9474

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2550, 6.7763, 19.9474 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(95, 58, 86)` looks like.

```
.text, #text, p{  
    color:rgb(95, 58, 86)  
}
```

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(95, 58, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 58, 86) }
```

Border

The CSS property to change the border of an element to YUV 72.2550, 6.7763, 19.9474 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(95, 58, 86) }
```


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

```
.border{ border-color:rgb(95, 58, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 58, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 58, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 58, 86);  
box-shadow:4px 4px 4px 4px rgb(95, 58, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.2550, 6.7763, 19.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 58, 86) }
```

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

```
.background{ background-color: rgb(95, 58,  
86) }
```

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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