

Converting Colors

YUV(49.2570, 20.5793, 26.0846)

Have a look what the booklet for
YUV(49.2570, 20.5793, 26.0846)
contains.

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Color

**YUV(49.2570, 20.5793,
26.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	4F1A5B
RGB	79, 26, 91
RGB Percent	31%, 10%, 36%
CMY	0.6902, 0.8980, 0.6431
CMYK	0.13, 0.71, 0.00, 0.64
HSL	289°, 56%, 23%
HSV	289°, 71%, 36%
XYZ	5.4822, 3.1564, 10.2178
YIQ	49.2570, 10.7230, 31.4510

Conversions

Conversions Part 2

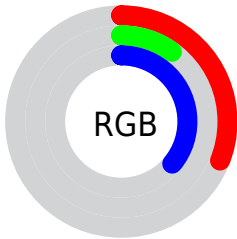
Format	Color
R_{YB}	79, 26, 91
Decimal	5184091
CIE _{Lab}	20.66, 35.17, -27.68
CIE _{LCh}	21, 44.756, 321.796
Yxy	3.1564, 0.2907, 0.1674
Android (android.graphics.Color)	4283374171 (0xFF4F1A5B)
YUV	49.2570, 20.5793, 26.0846
Hunter-Lab	17.7662, 23.9894, -21.6629

Details

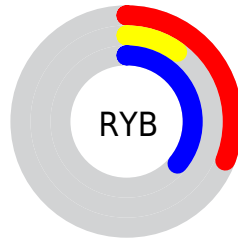
The YUV color **49.2570, 20.5793, 26.0846** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.7430, -20.5793, -26.0846**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4960, 21.4475, 27.6290**, and **15.5950, 14.4967, 17.0182** is the 20% darker color. If you saturate the color by 10%, you get **43.3760, 23.4786, 29.4882**, and if you desaturate by 10%, it is **55.1380, 17.6800, 22.6810**.

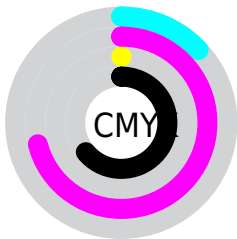
Distribution



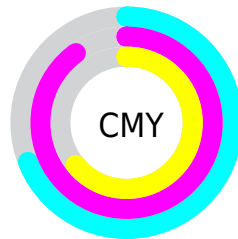
- Red (31%)
- Green (10%)
- Blue (36%)



- Red (31%)
- Yellow (10%)
- Blue (36%)



- Cyan (13%)
- Magenta (71%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (90%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.2570, 20.5793, 26.0846 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 49.2570, 20.5793, 26.0846 by changing the saturation by 10% instead.

■ 49.2570, 20.5793,
26.0846

■ 49.2570, 20.5793,
26.0846

■ 255.0000, 0.0000,
0.0000

■ 23.7840, 21.3055,
26.4994

■ 98.4960, 21.4475,
27.6290

■ 15.5950, 14.4967,
17.0182

■ 124.2080, 21.5895,
28.7586

■ 3.2090, 9.7570,
-2.8143

■ 151.0340, 22.1682,
29.7882


■ 0.0000, 0.0000,
0.0000


■ 177.8600, 22.7470,
30.8178


■ 205.5720, 22.8890,
31.9474


■ 226.2370, 14.1802,


25.2252


 243.2600, 5.7878,
10.2960


 49.2570, 20.5793,
26.0846

 49.2570, 20.5793,
26.0846


 43.3760, 23.4786,
29.4882


 55.1380, 17.6800,
22.6810


 37.7940, 26.2306,
33.5067

 60.7200, 14.9280,
18.6626

 32.5000, 28.8405,
36.3955

 66.6010, 12.0287,
15.2589

 72.4820, 9.1294,
11.8553

 78.6510, 6.0881,
7.3221

■ 84.5320, 3.1887,
3.9184

■ 90.4130, 0.2894,
0.5148

■ 95.9950, -2.4625,
-3.5036

■ 101.8760, -5.3619,
-6.9073

Harmonies

Analogous

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



43.6680, 33.6877, -25.1418



49.2570, 20.5793, 26.0846



37.3380, 11.1724, 56.7086

Triad

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



49.2570, 20.5793, 26.0846



47.3450, -23.3411, 19.8684



45.3030, 13.6546, -39.7307

Complementary

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



49.2570, 20.5793, 26.0846



67.7430, -20.5793, -26.0846

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.



41.4270, -1.1965, -36.3315



49.2570, 20.5793, 26.0846



44.2450, -21.8128, -3.7229

Square

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



49.2570, 20.5793, 26.0846



44.8300, -22.1012, 42.2451



35.3340, -16.9267, -30.9879



47.9080, 26.1744, -42.0153

Rectangle

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



49.2570, 20.5793, 26.0846



36.0260, 0.9732, 61.3672



35.3340, -16.9267, -30.9879



44.0490, 8.8498, -38.6310

Sweetspot

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



49.2570, 20.5793, 26.0846



101.7160, 7.5350, 9.8961



41.0410, 24.6298, -13.1910



49.2980, 4.7831, 5.8777



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



49.2570, 20.5793, 26.0846



52.3310, 31.8818, 40.9287



50.6790, 10.5113, 35.3615



42.7660, 1.5944, 1.9592



39.1510, 34.9286, 43.7176



84.7250, 75.0716, 94.9572

Inverse Universe

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



46.8030, -4.3399, 38.7608



48.3650, -6.5889, 60.1929



66.4350, -10.0745, -35.4615



42.6090, -0.3002, 2.9739



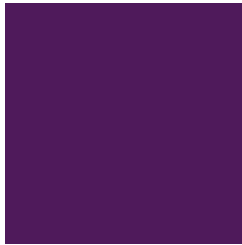
35.1700, -7.4788, 65.6259



75.8790, -15.7163, 141.3031

Previews

White Background



This preview shows how the YUV color 49.2570, 20.5793, 26.0846 looks on a white background.

Color Contrast Check

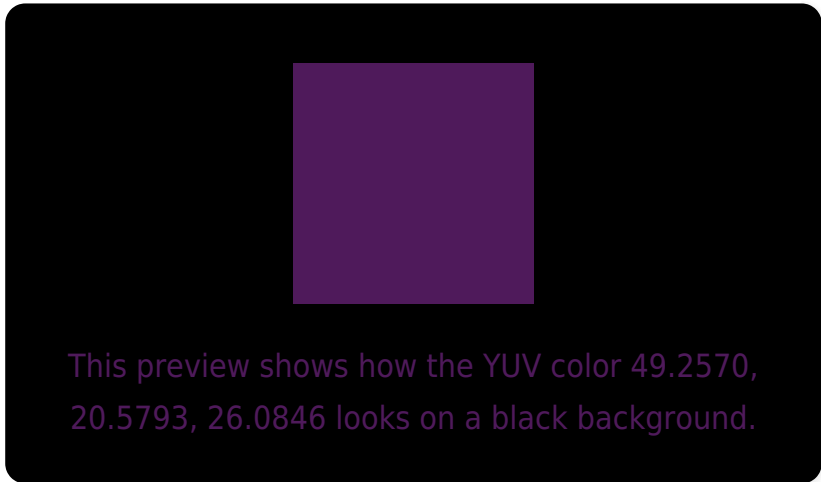
Large Text (above 18pt) WCAG AA ✓ Pass

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

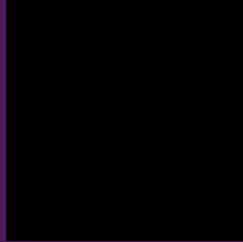
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.2570, 20.5793, 26.0846

Background



This preview shows how black text looks on a background with the YUV color 49.2570, 20.5793, 26.0846.



This preview shows how white text looks on a background with the YUV color 49.2570, 20.5793,

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

49.2570, 20.5793, 26.0846

Protanopia

40.6190, 31.2468, -35.6229

Deuteranopia

47.3300, 19.5573, -19.5834



Tritanopia

51.6110, -3.2592, 18.7582

Trichromacy



Original Color

49.2570, 20.5793, 26.0846

Protanomaly

44.0240, 27.1032, -13.1760

Deuteranomaly

48.1410, 19.6505, -2.7547

Tritanomaly

50.6250, 5.6079, 21.3769

Monochromacy



Original Color

49.2570, 20.5793, 26.0846

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.3030, 7.2456, 9.3813

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.2570, 20.5793, 26.0846 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(79, 26, 91)` looks like.

```
.text, #text, p{  
    color:rgb(79, 26, 91)  
}
```

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(79, 26, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 26, 91) }
```

Border

The CSS property to change the border of an element to YUV 49.2570, 20.5793, 26.0846 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(79, 26, 91) }
```


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

```
.border{ border-color:rgb(79, 26, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 26, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 26, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 26, 91);  
box-shadow:4px 4px 4px 4px rgb(79, 26, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.2570, 20.5793, 26.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 26, 91) }
```

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

```
.background{ background-color: rgb(79, 26,  
91) }
```

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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