

Converting Colors

YUV(49.6590, 20.8741, 24.8551)

Have a look what the booklet for
YUV(49.6590, 20.8741, 24.8551)
contains.

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Color

**YUV(49.6590, 20.8741,
24.8551)**

Conversions

Conversions Part 1

Format	Color
Hex	4E1B5C
RGB	78, 27, 92
RGB Percent	31%, 11%, 36%
CMY	0.6941, 0.8941, 0.6392
CMYK	0.15, 0.71, 0.00, 0.64
HSL	287°, 55%, 23%
HSV	287°, 71%, 36%
XYZ	5.4656, 3.1763, 10.4502
YIQ	49.6590, 9.5310, 31.0270

Conversions

Conversions Part 2

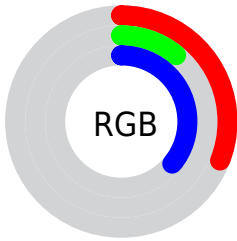
Format	Color
RYB	78, 27, 92
Decimal	5118812
CIELab	20.74, 34.64, -28.23
CIELCh	21, 44.690, 320.824
Yxy	3.1763, 0.2863, 0.1664
Android (android.graphics.Color)	4283308892 (0xFF4E1B5C)
YUV	49.6590, 20.8741, 24.8551
Hunter-Lab	17.8221, 23.5527, -22.2900

Details

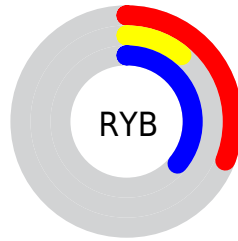
The YUV color **49.6590, 20.8741, 24.8551** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **69.3410, -20.8741, -24.8551**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.8980, 21.7423, 26.3995**, and **15.4100, 15.0809, 16.3034** is the 20% darker color. If you saturate the color by 10%, you get **43.7780, 23.7734, 28.2587**, and if you desaturate by 10%, it is **55.5400, 17.9748, 21.4514**.

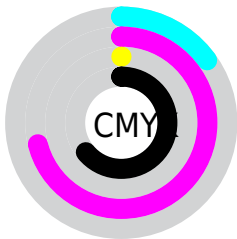
Distribution



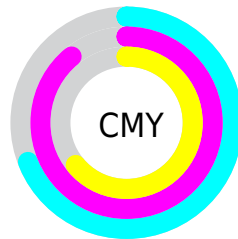
- Red (31%)
- Green (11%)
- Blue (36%)



- Red (31%)
- Yellow (11%)
- Blue (36%)



- Cyan (15%)
- Magenta (71%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6590, 20.8741, 24.8551 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 49.6590, 20.8741, 24.8551 by changing the saturation by 10% instead.

49.6590, 20.8741,
24.8551

49.6590, 20.8741,
24.8551

255.0000, 0.0000,
0.0000

25.0720, 21.1635,
25.3699

98.8980, 21.7423,
26.3995

15.4100, 15.0809,
16.3034

124.6100, 21.8843,
27.5290

3.3230, 10.1938,
-2.9143

151.4360, 22.4631,
28.5586

0.0000, 0.0000,
0.0000

178.2620, 23.0418,
29.5882

205.7890, 23.7680,
30.0030

226.8240, 13.8908,

24.7104

243.2600, 5.7878,
10.2960

49.6590, 20.8741,
24.8551

49.6590, 20.8741,
24.8551

43.7780, 23.7734,
28.2587

55.5400, 17.9748,
21.4514

37.8970, 26.6728,
31.6623

61.4210, 15.0754,
18.0478

32.0160, 29.5721,
35.0660

67.8890, 11.8867,
14.1293

73.7700, 8.9874,
10.7257

79.6510, 6.0881,
7.3221

■ 85.5320, 3.1887,
3.9184

■ 91.4130, 0.2894,
0.5148

■ 97.8810, -2.8993,
-3.4036

■ 103.7620, -5.7987,
-6.8073

Harmonies

Analogous

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



42.4610, 34.2827, -29.3453



49.6590, 20.8741, 24.8551



38.0390, 11.3198, 56.0938

Triad

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



49.6590, 20.8741, 24.8551



47.6440, -23.4885, 20.4832



45.8900, 13.3652, -40.2455

Complementary

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



49.6590, 20.8741, 24.8551



69.3410, -20.8741, -24.8551

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.



41.3130, -1.6333, -36.2315



49.6590, 20.8741, 24.8551



44.5440, -21.9602, -3.1081

Square

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



49.6590, 20.8741, 24.8551



44.5420, -21.9592, 43.3747



35.2200, -17.3635, -30.8879



47.9080, 26.1744, -42.0153

Rectangle

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



49.6590, 20.8741, 24.8551



36.2540, 1.8468, 61.1672



35.2200, -17.3635, -30.8879



44.5220, 8.1237, -39.0458

Sweetspot

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



49.6590, 20.8741, 24.8551



103.5310, 8.1192, 9.1813



42.6280, 24.3404, -13.7058



51.2980, 4.7831, 5.8777



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.



49.6590, 20.8741, 24.8551



53.5480, 32.7608, 38.9844



51.7930, 10.9481, 35.2615



42.7660, 1.5944, 1.9592



38.2540, 35.3708, 41.8732



82.6320, 76.1034, 90.6537

Inverse Universe

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



48.0310, -3.4663, 38.5608



51.0060, -5.4260, 60.5077



67.2070, -10.9481, -35.2615



42.6090, -0.3002, 2.9739



35.6260, -5.7316, 65.2260



76.6770, -12.6588, 140.6033

Previews

White Background



This preview shows how the YUV color 49.6590, 20.8741, 24.8551 looks on a white background.

Color Contrast Check

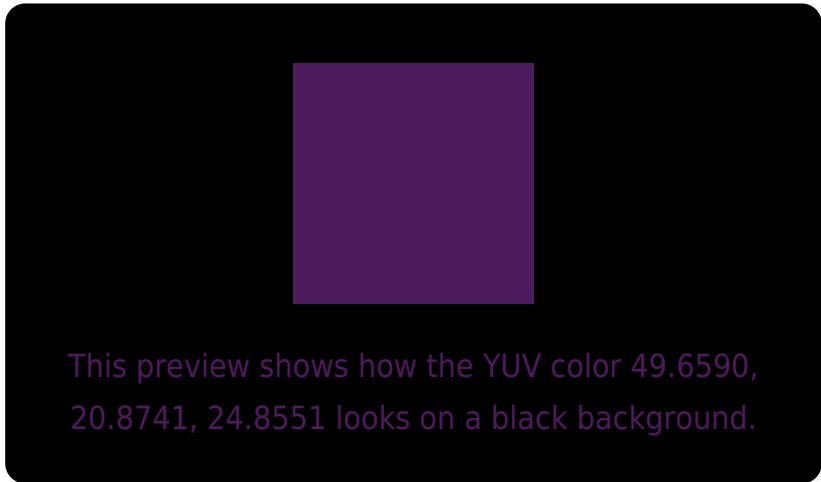
Large Text (above 18pt) WCAG AA ✓ Pass

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

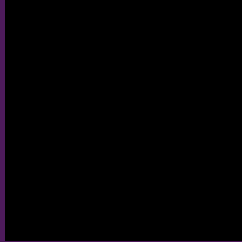
Any Text WCAG AA × Fail

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 49.6590, 20.8741, 24.8551 Background



This preview shows how black text looks on a background with the YUV color 49.6590, 20.8741, 24.8551.



This preview shows how white text looks on a background with the YUV color 49.6590, 20.8741,

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

49.6590, 20.8741, 24.8551

Protanopia

40.7330, 31.6836, -35.7228

Deuteranopia

47.4330, 19.9995, -21.4277



Tritanopia

52.0130, -2.9644, 17.5286

Trichromacy



Original Color

49.6590, 20.8741, 24.8551

Protanomaly

43.8390, 27.6874, -13.8908

Deuteranomaly

48.2440, 20.0927, -4.5990

Tritanomaly

51.0270, 5.9027, 20.1473

Monochromacy



Original Color

49.6590, 20.8741, 24.8551

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0040, 7.3930, 8.7665

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6590, 20.8741, 24.8551 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(78, 27, 92)` looks like.

```
.text, #text, p{  
    color:rgb(78, 27, 92)  
}
```

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(78, 27, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 27, 92) }
```

Border

The CSS property to change the border of an element to YUV 49.6590, 20.8741, 24.8551 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(78, 27, 92) }
```


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

```
.border{ border-color:rgb(78, 27, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 27, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 27, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 27, 92);  
box-shadow:4px 4px 4px 4px rgb(78, 27, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.6590, 20.8741, 24.8551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 27, 92) }
```

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

```
.background{ background-color: rgb(78, 27,  
92) }
```

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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