

Converting Colors

YUV(49.0970, 20.1652, 65.6899)

Have a look what the booklet for
YUV(49.0970, 20.1652, 65.6899)
contains.

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Color

**YUV(49.0970, 20.1652,
65.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	7C035A
RGB	124, 3, 90
RGB Percent	49%, 1%, 35%
CMY	0.5137, 0.9882, 0.6471
CMYK	0.00, 0.98, 0.27, 0.51
HSL	317°, 95%, 25%
HSV	317°, 98%, 49%
XYZ	10.1902, 5.0884, 10.1179
YIQ	49.0970, 44.1890, 52.7090

Conversions

Conversions Part 2

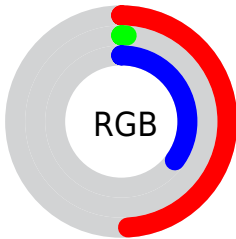
Format	Color
R_{YB}	124, 3, 90
Decimal	8127322
CIE _{Lab}	26.99, 52.25, -16.48
CIE _{LCh}	27, 54.785, 342.498
Yxy	5.0884, 0.4012, 0.2004
Android (android.graphics.Color)	4286317402 (0xFF7C035A)
YUV	49.0970, 20.1652, 65.6899
Hunter-Lab	22.5575, 41.1607, -10.8037

Details

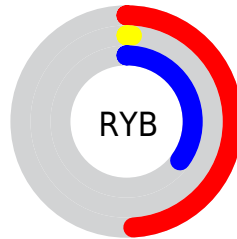
The YUV color **49.0970, 20.1652, 65.6899** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **77.9030, -20.1652, -65.6899**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.8700, 14.3611, 60.6270**, and **25.9460, 8.9006, 38.6354** is the 20% darker color. If you saturate the color by 10%, you get **47.2220, 20.5966, 67.3343**, and if you desaturate by 10%, it is **56.4830, 18.0029, 59.2124**.

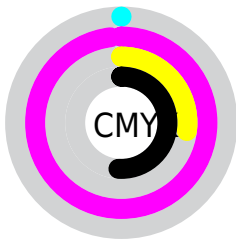
Distribution



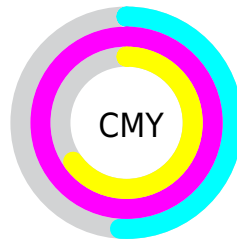
- Red (49%)
- Green (1%)
- Blue (35%)



- Red (49%)
- Yellow (1%)
- Blue (35%)



- Cyan (0%)
- Magenta (98%)
- Yellow (27%)
- Black (51%)





- Cyan (51%)
- Magenta (99%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 49.0970, 20.1652, 65.6899 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 49.0970, 20.1652, 65.6899 by changing the saturation by 10% instead.

 49.0970, 20.1652,
65.6899


 49.0970, 20.1652,
65.6899

255.0000, 0.0000,
0.0000


 36.5270, 14.5302,
53.0348

 110.8700, 14.3611,
60.6270

 25.9460, 8.9006,
38.6354


 138.4680, 14.0663,
61.8566

 16.4900, 3.7024,
25.8803

 166.3650, 13.6241,
63.7009

 0.0000, 0.0000,
0.0000


 190.7770, 15.3929,
56.3236


 210.4050, 19.5203,
39.1098


 227.4110, 13.6014,


24.1956


 244.4340, 5.2090,
9.2664


 49.0970, 20.1652,
65.6899


 49.0970, 20.1652,
65.6899


 47.2220, 20.5966,
67.3343

 56.4830, 18.0029,
59.2124

 64.5700, 15.9880,
52.1201

 71.9560, 13.8257,
45.6426

 80.0430, 11.8108,
38.5503

 87.4290, 9.6485,
32.0728

■ 94.9290, 7.9230,
25.4953

■ 102.9020, 5.4713,
18.5029

■ 110.4020, 3.7458,
11.9254

■ 118.3750, 1.2941,
4.9331

Harmonies

Analogous

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



64.4330, 30.3525, 18.0373



49.0970, 20.1652, 65.6899



45.8370, 1.0664, 78.1960

Triad

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



49.0970, 20.1652, 65.6899



58.7530, -28.9652, 3.7246



60.6400, 29.2645, -53.1813

Complementary

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



49.0970, 20.1652, 65.6899



77.9030, -20.1652, -65.6899

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.



56.7810, 11.9400, -49.7969



49.0970, 20.1652, 65.6899



44.6120, -21.9937, -39.1247

Square

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



49.0970, 20.1652, 65.6899



60.1250, -29.6416, 34.0934



50.5910, -6.7004, -44.3683



61.1420, 41.3420, -53.6215

Rectangle

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



49.0970, 20.1652, 65.6899



49.4820, -14.0416, 70.6143



50.5910, -6.7004, -44.3683



59.8590, 23.7335, -52.4963

Sweetspot

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



49.0970, 20.1652, 65.6899



131.9290, 7.9230, 25.4953



26.3620, 48.1355, 7.5755



64.0650, 4.8980, 15.7290



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



49.0970, 20.1652, 65.6899



61.3630, 26.9360, 87.3816



42.3710, -5.6059, 71.5886



57.2500, 0.8628, 3.2887



47.6350, 20.8859, 67.8491



96.0960, 42.3507, 136.7278

Inverse Universe

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



49.0970, 20.1652, 65.6899



61.3630, 26.9360, 87.3816



84.6290, 5.6059, -71.5886



57.2500, 0.8628, 3.2887



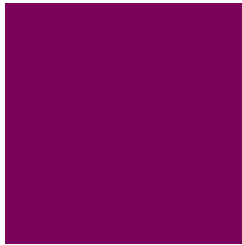
47.6350, 20.8859, 67.8491



96.0960, 42.3507, 136.7278

Previews

White Background



This preview shows how the YUV color 49.0970, 20.1652, 65.6899 looks on a white background.

Color Contrast Check

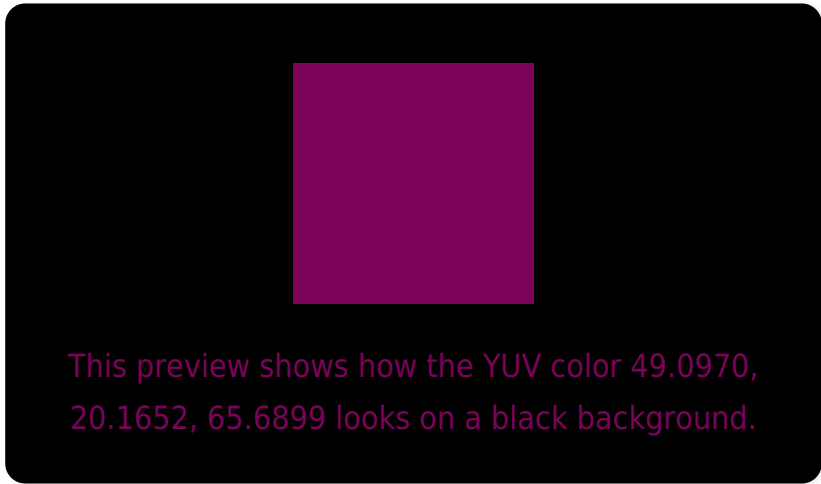
Large Text (above 18pt) WCAG AA ✓ Pass

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

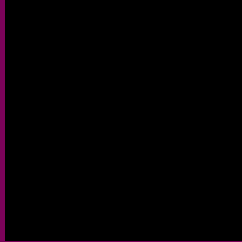
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.0970, 20.1652, 65.6899

Background



This preview shows how black text looks on a background with the YUV color 49.0970, 20.1652, 65.6899.



This preview shows how white text looks on a background with the YUV color 49.0970, 20.1652,

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

49.0970, 20.1652, 65.6899

Protanopia

62.0160, 32.5301, -27.2010

Deuteranopia

67.7530, 8.0098, -2.4144



Tritanopia

61.2300, -11.9454, 51.5413

Trichromacy



Original Color

49.0970, 20.1652, 65.6899

Protanomaly

57.0850, 28.0591, 6.9415

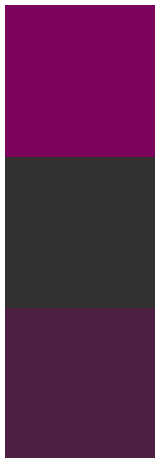
Deuteranomaly

60.7590, 12.4438, 22.1364

Tritanomaly

56.6510, -0.3209, 56.4341

Monochromacy



Original Color

49.0970, 20.1652, 65.6899

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8040, 7.4916, 23.8509

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0970, 20.1652, 65.6899 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(124, 3, 90)` looks like.

```
.text, #text, p{  
    color:rgb(124, 3, 90)  
}
```

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(124, 3, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 3, 90) }
```

Border

The CSS property to change the border of an element to YUV 49.0970, 20.1652, 65.6899 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(124, 3, 90) }
```


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

```
.border{ border-color:rgb(124, 3, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 3, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 3, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 3, 90);  
box-shadow:4px 4px 4px 4px rgb(124, 3, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.0970, 20.1652, 65.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 3, 90) }
```

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

```
.background{ background-color: rgb(124, 3,  
90) }
```

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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