

Converting Colors

YUV(52.9180, 18.2814, 63.2159)

Have a look what the booklet for
YUV(52.9180, 18.2814, 63.2159)
contains.

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Color

**YUV(52.9180, 18.2814,
63.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	7D095A
RGB	125, 9, 90
RGB Percent	49%, 4%, 35%
CMY	0.5098, 0.9647, 0.6471
CMYK	0.00, 0.93, 0.28, 0.51
HSL	318°, 87%, 26%
HSV	318°, 93%, 49%
XYZ	10.4006, 5.2935, 10.1464
YIQ	52.9180, 43.1350, 49.7830

Conversions

Conversions Part 2

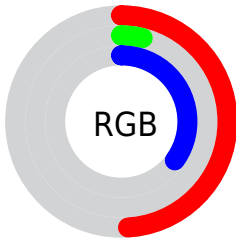
Format	Color
R_{YB}	125, 9, 90
Decimal	8194394
CIE _{Lab}	27.56, 51.42, -15.58
CIE _{LCh}	28, 53.724, 343.144
Yxy	5.2935, 0.4025, 0.2049
Android (android.graphics.Color)	4286384474 (0xFF7D095A)
YUV	52.9180, 18.2814, 63.2159
Hunter-Lab	23.0077, 40.4273, -10.0417

Details

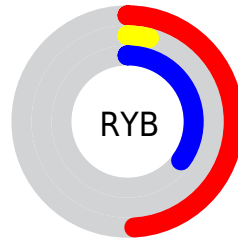
The YUV color **52.9180, 18.2814, 63.2159** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **81.0820, -18.2814, -63.2159**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.9300, 13.3455, 59.6974**, and **26.2450, 8.7532, 39.2501** is the 20% darker color. If you saturate the color by 10%, you get **47.2930, 19.5756, 68.1490**, and if you desaturate by 10%, it is **60.4180, 16.5559, 56.6384**.

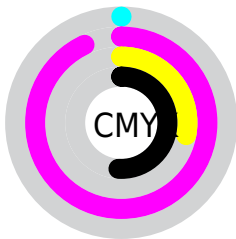
Distribution



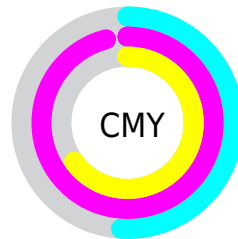
- Red (49%)
- Green (4%)
- Blue (35%)



- Red (49%)
- Yellow (4%)
- Blue (35%)



- Cyan (0%)
- Magenta (93%)
- Yellow (28%)
- Black (51%)





- Cyan (51%)
- Magenta (96%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 52.9180, 18.2814, 63.2159 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 52.9180, 18.2814, 63.2159 by changing the saturation by 10% instead.

 52.9180, 18.2814,
63.2159


 52.9180, 18.2814,
63.2159

255.0000, 0.0000,
0.0000

 36.8260, 14.3828,
53.6496

 112.9300, 13.3455,
59.6974


 26.2450, 8.7532,
39.2501


 139.9410, 13.3401,
61.4417

 16.7890, 3.5550,
26.4950

 167.5390, 13.0453,
62.6713


 0.0000, 0.0000,
0.0000


 191.9510, 14.8142,
55.2940


 211.5790, 18.9416,
38.0802


 228.5850, 13.0226,


23.1660


 245.6080, 4.6303,
8.2368


 52.9180, 18.2814,
63.2159


 52.9180, 18.2814,
63.2159


 47.2930, 19.5756,
68.1490

 60.4180, 16.5559,
56.6384

 68.5050, 14.5410,
49.5461

 75.8910, 12.3787,
43.0686

 83.9780, 10.3638,
35.9763

 91.4780, 8.6383,
29.3988

■ 99.5650, 6.6235,
22.3065

■ 106.9510, 4.4612,
15.8290

■ 115.0380, 2.4463,
8.7367

■ 122.5380, 0.7208,
2.1592

Harmonies

Analogous

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



65.6180, 29.7683, 18.7520



52.9180, 18.2814, 63.2159



45.9510, 1.5032, 78.0960

Triad

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



52.9180, 18.2814, 63.2159



59.6390, -29.4020, 3.8246



61.3410, 29.4119, -53.7961

Complementary

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



52.9180, 18.2814, 63.2159



81.0820, -18.2814, -63.2159

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.



57.5960, 12.5242, -50.5117



52.9180, 18.2814, 63.2159



45.7970, -22.5779, -38.4100

Square

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



52.9180, 18.2814, 63.2159



61.2990, -30.2204, 33.0638



51.9930, -6.4055, -45.5979



61.1420, 41.3420, -53.6215

Rectangle

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



52.9180, 18.2814, 63.2159



53.1180, -15.3412, 67.4255



51.9930, -6.4055, -45.5979



60.6740, 24.3177, -53.2111

Sweetspot

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



52.9180, 18.2814, 63.2159



134.9890, 6.9074, 24.5656



32.6890, 45.5093, 9.9197



64.5380, 4.1718, 15.3142



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.



52.9180, 18.2814, 63.2159



61.7330, 25.7676, 88.8112



46.3060, -7.0529, 69.0146



59.6630, 1.1521, 3.8035



48.4180, 20.0069, 69.7934



0.0000, 0.0000, 0.0000

Inverse Universe

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



52.9180, 18.2814, 63.2159



61.7330, 25.7676, 88.8112



87.6940, 7.0529, -69.0146



59.6630, 1.1521, 3.8035



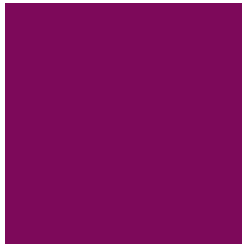
48.4180, 20.0069, 69.7934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 52.9180, 18.2814, 63.2159 looks on a white background.

Color Contrast Check

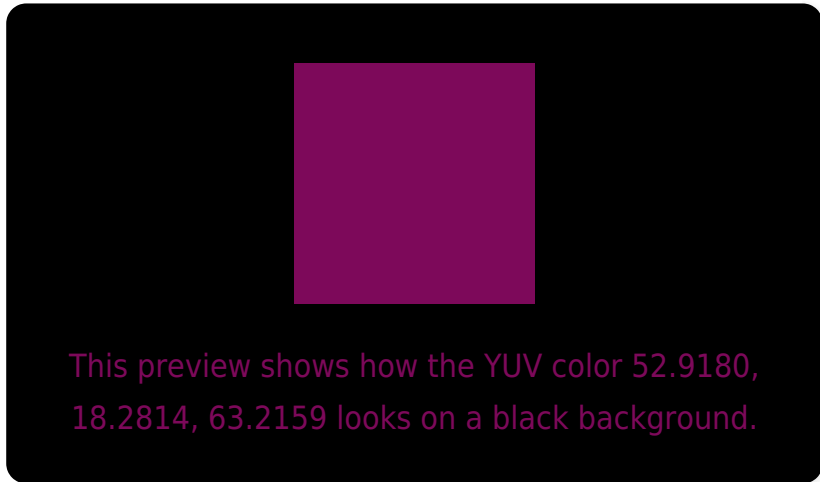
Large Text (above 18pt) WCAG AA ✓ Pass

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

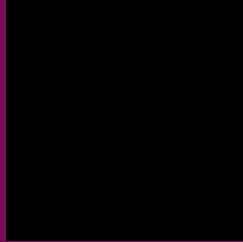
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.9180, 18.2814, 63.2159

Background



This preview shows how black text looks on a background with the YUV color 52.9180, 18.2814, 63.2159.



This preview shows how white text looks on a background with the YUV color 52.9180, 18.2814,

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

52.9180, 18.2814, 63.2159

Protanopia

63.3860, 31.3617, -25.7715

Deuteranopia

68.0520, 7.8624, -1.7996



Tritanopia

61.6430, -11.6560, 52.0561

Trichromacy



Original Color

52.9180, 18.2814, 63.2159

Protanomaly

59.4440, 26.8961, 6.6266

Deuteranomaly

62.2320, 11.7176, 21.7215

Tritanomaly

58.2380, -0.6103, 55.9193

Monochromacy



Original Color

52.9180, 18.2814, 63.2159

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8640, 6.4760, 22.9213

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.9180, 18.2814, 63.2159 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(125, 9, 90)` looks like.

```
.text, #text, p{  
    color:rgb(125, 9, 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(125, 9, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 9, 90) }
```

Border

The CSS property to change the border of an element to YUV 52.9180, 18.2814, 63.2159 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(125, 9, 90) }
```


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

```
.border{ border-color:rgb(125, 9, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 9, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 9, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 9, 90);  
box-shadow:4px 4px 4px 4px rgb(125, 9, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.9180, 18.2814, 63.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 9, 90) }
```

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

```
.background{ background-color: rgb(125, 9,  
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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