

Converting Colors

YUV(59.9010, 20.7548, 63.2308)

Have a look what the booklet for
YUV(59.9010, 20.7548, 63.2308)
contains.

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Color

**YUV(59.9010, 20.7548,
63.2308)**

Conversions

Conversions Part 1

Format	Color
Hex	840F66
RGB	132, 15, 102
RGB Percent	52%, 6%, 40%
CMY	0.4824, 0.9412, 0.6000
CMYK	0.00, 0.89, 0.23, 0.48
HSL	315°, 80%, 29%
HSV	315°, 89%, 52%
XYZ	12.0848, 6.2065, 13.1314
YIQ	59.9010, 41.8050, 51.8610

Conversions

Conversions Part 2

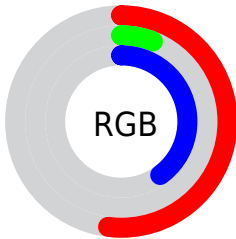
Format	Color
R_{YB}	132, 15, 102
Decimal	8654694
CIE _{Lab}	29.93, 53.46, -19.63
CIE _{LCh}	30, 56.948, 339.839
Yxy	6.2065, 0.3846, 0.1975
Android (android.graphics.Color)	4286844774 (0xFF840F66)
YUV	59.9010, 20.7548, 63.2308
Hunter-Lab	24.9128, 42.9901, -13.8124

Details

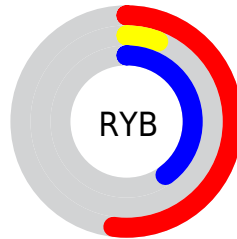
The YUV color **59.9010, 20.7548, 63.2308** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **87.0990, -20.7548, -63.2308**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.8530, 16.8345, 60.6419**, and **29.5920, 12.5261, 42.4538** is the 20% darker color. If you saturate the color by 10%, you get **51.9280, 23.2065, 70.2231**, and if you desaturate by 10%, it is **67.8740, 18.3031, 56.2385**.

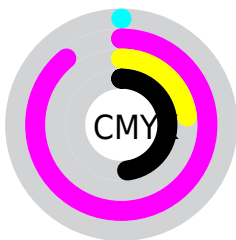
Distribution



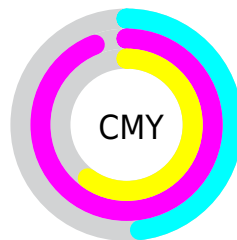
- Red (52%)
- Green (6%)
- Blue (40%)



- Red (52%)
- Yellow (6%)
- Blue (40%)



- Cyan (0%)
- Magenta (89%)
- Yellow (23%)
- Black (48%)



- Cyan (48%)
- Magenta (94%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9010, 20.7548, 63.2308 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 59.9010, 20.7548, 63.2308 by changing the saturation by 10% instead.

■ 59.9010, 20.7548,
63.2308

■ 59.9010, 20.7548,
63.2308

255.0000, 0.0000,
0.0000

■ 40.2870, 18.5925,
56.7533

■ 118.8530, 16.8345,
60.6419

■ 29.5920, 12.5261,
42.4538

■ 146.4510, 16.5397,
61.8715

■ 20.3210, 6.7437,
30.4135

■ 174.4620, 16.5342,
63.6158

■ 6.6640, -0.3274,
11.6957

■ 196.4820, 19.4824,
51.3203

■ 0.0000, 0.0000,
0.0000

■ 215.0840, 19.6786,
35.0063

■ 232.1070, 11.2862,

20.0772

249.1300, 2.8939,
5.1480

59.9010, 20.7548,
63.2308

59.9010, 20.7548,
63.2308

51.9280, 23.2065,
70.2231

67.8740, 18.3031,
56.2385

50.6400, 23.3485,
71.3527

75.9610, 16.2882,
49.1462

84.5210, 13.5471,
41.6391

92.6080, 11.5323,
34.5468

100.5810, 9.0806,
27.5545

■ 108.5540, 6.6289,
20.5621

■ 116.6410, 4.6140,
13.4698

■ 125.2010, 1.8729,
5.9627

■ 133.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



71.2090, 33.4210, 13.8487



59.9010, 20.7548, 63.2308



50.2660, 3.8129, 83.9587

Triad

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



59.9010, 20.7548, 63.2308



64.9770, -32.0337, 7.9132



66.1340, 30.0069, -57.9995

Complementary

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



59.9010, 20.7548, 63.2308



87.0990, -20.7548, -63.2308

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.



61.8190, 10.9352, -54.2153



59.9010, 20.7548, 63.2308



53.8040, -26.5254, -32.2771

Square

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



59.9010, 20.7548, 63.2308



66.6480, -32.8575, 38.8967



55.4010, -8.5787, -48.5867



66.9780, 43.3948, -58.7397

Rectangle

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



59.9010, 20.7548, 63.2308



55.8570, -12.7475, 75.5474



55.4010, -8.5787, -48.5867



65.2390, 24.0392, -57.2146

Sweetspot

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



59.9010, 20.7548, 63.2308



142.6300, 8.0704, 24.8805



37.0090, 46.8306, 6.1311



69.7660, 5.0454, 15.1142



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



59.9010, 20.7548, 63.2308



65.6070, 30.2667, 92.4297



53.2890, -4.5795, 69.0295



62.3640, 1.2995, 3.1888



49.9280, 23.2065, 70.2231



1.1250, 0.4314, 1.6444

Inverse Universe

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



59.9010, 20.7548, 63.2308



65.6070, 30.2667, 92.4297



93.7110, 4.5795, -69.0295



62.3640, 1.2995, 3.1888



49.9280, 23.2065, 70.2231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 59.9010, 20.7548, 63.2308 looks on a white background.

Color Contrast Check

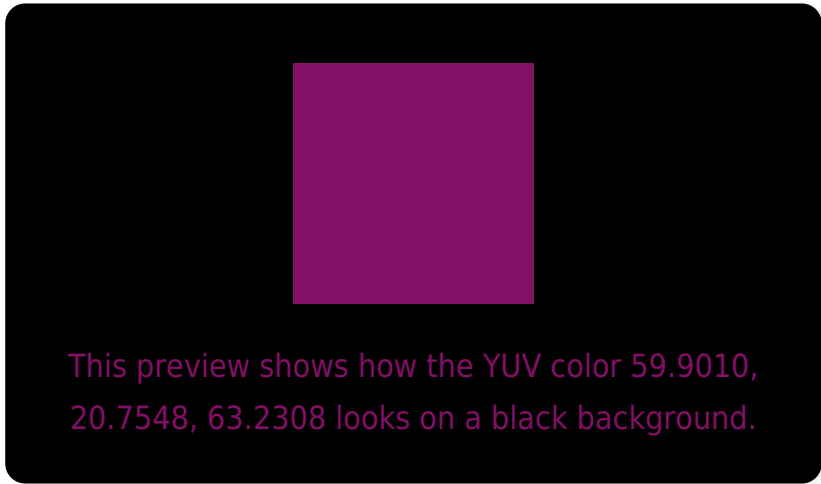
Large Text (above 18pt) WCAG AA ✓ Pass

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

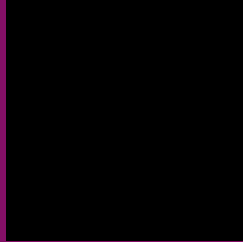
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.9010, 20.7548, 63.2308

Background



This preview shows how black text looks on a background with the YUV color 59.9010, 20.7548, 63.2308.



This preview shows how white text looks on a background with the YUV color 59.9010, 20.7548,

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

59.9010, 20.7548, 63.2308

Protanopia

65.7640, 38.0773, -33.1190

Deuteranopia

72.6540, 11.5096, -4.9586



Tritanopia

67.6430, -11.6560, 52.0561

Trichromacy



Original Color

59.9010, 20.7548, 63.2308

Protanomaly

63.6760, 31.7117, 2.0381

Deuteranomaly

68.3180, 14.6332, 19.8921

Tritanomaly

64.7650, 0.1159, 56.3341

Monochromacy



Original Color

59.9010, 20.7548, 63.2308

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0920, 7.3496, 22.7213

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9010, 20.7548, 63.2308 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(132, 15, 102)` looks like.

```
.text, #text, p{  
    color:rgb(132, 15, 102)  
}
```

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(132, 15, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 15, 102) }
```

Border

The CSS property to change the border of an element to YUV 59.9010, 20.7548, 63.2308 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(132, 15, 102) }
```


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

```
.border{ border-color:rgb(132, 15, 102) }
```

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

Here you see how a box with a 4 pixel rgb(132, 15, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 15, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 15, 102);  
box-shadow:4px 4px 4px 4px rgb(132, 15,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 59.9010, 20.7548, 63.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 15, 102) }
```

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

```
.background{ background-color: rgb(132, 15,  
102) }
```

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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