

Converting Colors

YUV(76.7590, 43.0098, 65.1094)

Have a look what the booklet for
YUV(76.7590, 43.0098, 65.1094)
contains.

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Color

**YUV(76.7590, 43.0098,
65.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	9716A4
RGB	151, 22, 164
RGB Percent	59%, 9%, 64%
CMY	0.4078, 0.9137, 0.3569
CMYK	0.08, 0.87, 0.00, 0.36
HSL	295°, 76%, 36%
HSV	295°, 87%, 64%
XYZ	19.7502, 9.8335, 35.9791
YIQ	76.7590, 31.3020, 71.5100

Conversions

Conversions Part 2

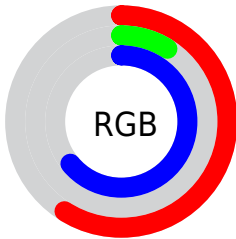
Format	Color
RYB	151, 22, 164
Decimal	9901732
CIELab	37.54, 65.37, -45.96
CIElCh	38, 79.906, 324.891
Yxy	9.8335, 0.3012, 0.1500
Android (android.graphics.Color)	4288091812 (0xFF9716A4)
YUV	76.7590, 43.0098, 65.1094
Hunter-Lab	31.3584, 57.5465, -46.0756

Details

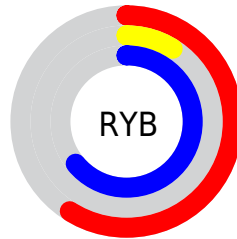
The YUV color **76.7590, 43.0098, 65.1094** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **109.2410, -43.0098, -65.1094**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6400, 40.1105, 61.7057**, and **41.0590, 34.4809, 47.3063** is the 20% darker color. If you saturate the color by 10%, you get **66.7690, 47.9349, 72.1166**, and if you desaturate by 10%, it is **86.7490, 38.0847, 58.1021**.

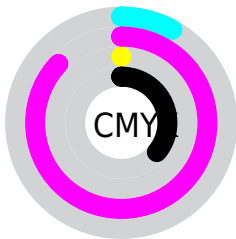
Distribution



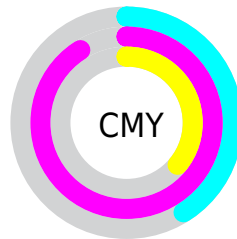
- Red (59%)
- Green (9%)
- Blue (64%)



- Red (59%)
- Yellow (9%)
- Blue (64%)



- Cyan (8%)
- Magenta (87%)
- Yellow (0%)
- Black (36%)



- Cyan (41%)
- Magenta (91%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7590, 43.0098, 65.1094 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 76.7590, 43.0098, 65.1094 by changing the saturation by 10% instead.

76.7590, 43.0098,
65.1094

76.7590, 43.0098,
65.1094

255.0000, 0.0000,
0.0000

52.3950, 41.7103,
61.9206

138.6400, 40.1105,
61.7057

41.0590, 34.4809,
47.3063

167.0530, 40.3999,
62.2205

30.1360, 27.5410,
33.2067

189.2560, 32.4118,
57.6575

19.9250, 20.7430,
20.2368

206.2790, 24.0195,
42.7283

4.4460, 17.0351,
-3.8991

223.3020, 15.6271,
27.7991

2.4110, 6.6994,
-2.1144

240.3250, 7.2348,

0.0000, 0.0000,

12.8700

0.0000

■ 76.7590, 43.0098,
65.1094

■ 76.7590, 43.0098,
65.1094

■ 66.7690, 47.9349,
72.1166

■ 86.7490, 38.0847,
58.1021

■ 63.2470, 49.6712,
75.2054

■ 97.0270, 33.0177,
49.9653

■ 107.0170, 28.0926,
42.9581

■ 117.2950, 23.0256,
34.8213

■ 127.2850, 18.1005,
27.8141

■ 136.9760, 13.3228,
20.1920

■ 147.5530, 8.1084,
12.6700

■ 157.2440, 3.3307,
5.0480

■ 167.8210, -1.8838,
-2.4740

Harmonies

Analogous

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



69.5090, 68.2761, -59.2054



76.7590, 43.0098, 65.1094



68.7370, 16.3987, 107.2247

Triad

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



76.7590, 43.0098, 65.1094



83.4160, -41.1241, 30.3302



82.5190, 29.3241, -72.3692

Complementary

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



76.7590, 43.0098, 65.1094



109.2410, -43.0098, -65.1094

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.



74.2940, 0.3481, -65.1558



76.7590, 43.0098, 65.1094



75.1450, -37.0465, -17.6672

Square

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



76.7590, 43.0098, 65.1094



76.6250, -37.7761, 76.6279



63.9830, -31.5436, -56.1131



87.3870, 53.0532, -76.6384

Rectangle

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



76.7590, 43.0098, 65.1094



65.1450, -2.5365, 113.8828



63.9830, -31.5436, -56.1131



80.0110, 19.7146, -70.1696

Sweetspot

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



76.7590, 43.0098, 65.1094



180.2200, 16.6535, 25.2401



46.4060, 57.9738, -21.4041



86.7320, 9.9921, 15.1440



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



76.7590, 43.0098, 65.1094



82.7010, 64.7304, 98.4862



74.1480, 16.1960, 78.8002



76.4180, 2.7519, 4.0184



55.9980, 43.8780, 66.6538



6.8360, 5.5039, 8.0368

Inverse Universe

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



65.9400, -15.2534, 85.9986



66.2660, -22.8091, 129.5627



111.8520, -16.1960, -78.8002



75.8050, -0.8899, 5.4330



44.8370, -15.6956, 87.8430



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 76.7590, 43.0098, 65.1094 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

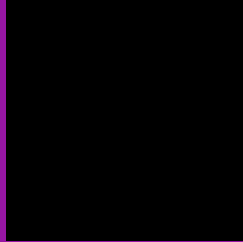
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7590, 43.0098, 65.1094

Background



This preview shows how black text looks on a background with the YUV color 76.7590, 43.0098, 65.1094.



This preview shows how white text looks on a background with the YUV color 76.7590, 43.0098,

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

76.7590, 43.0098, 65.1094

Protanopia

71.9310, 54.7570, -63.0835

Deuteranopia

83.0470, 35.4728, -37.7522



Tritanopia

89.2830, -9.0135, 44.4788

Trichromacy



Original Color

76.7590, 43.0098, 65.1094



Protanomaly

73.4900, 50.5374, -16.2157



Deuteranomaly

80.6740, 38.1217, -0.5911



Tritanomaly

84.9630, 9.8782, 51.7754

Monochromacy



Original Color

76.7590, 43.0098, 65.1094



Achromatopsia

77.0000, 0.0000, 0.0000



Achromatomaly

76.9810, 15.7854, 23.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7590, 43.0098, 65.1094 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(151, 22, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 22, 164)  
}
```

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(151, 22, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 22, 164) }
```

Border

The CSS property to change the border of an element to YUV 76.7590, 43.0098, 65.1094 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(151, 22, 164) }
```


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

```
.border{ border-color:rgb(151, 22, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 22, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 22, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 22, 164);  
box-shadow:4px 4px 4px 4px rgb(151, 22,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 76.7590, 43.0098, 65.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 22, 164) }
```

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

```
.background{ background-color: rgb(151, 22,  
164) }
```

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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