

Converting Colors

YUV(64.9510, 25.1672, 94.7590)

Have a look what the booklet for
YUV(64.9510, 25.1672, 94.7590)
contains.

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Color

**YUV(64.9510, 25.1672,
94.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0074
RGB	173, 0, 116
RGB Percent	68%, 0%, 45%
CMY	0.3216, 1.0000, 0.5451
CMYK	0.00, 1.00, 0.33, 0.32
HSL	320°, 100%, 34%
HSV	320°, 100%, 68%
XYZ	20.3860, 10.1452, 17.4068
YIQ	64.9510, 65.8720, 72.7520

Conversions

Conversions Part 2

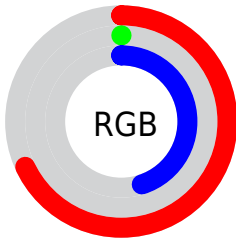
Format	Color
RYB	173, 0, 116
Decimal	11337844
CIELab	38.10, 66.10, -15.27
CIElCh	38, 67.839, 346.994
Yxy	10.1452, 0.4253, 0.2116
Android (android.graphics.Color)	4289527924 (0xFFAD0074)
YUV	64.9510, 25.1672, 94.7590
Hunter-Lab	31.8515, 58.5054, -10.1057

Details

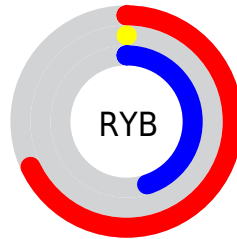
The YUV color **64.9510, 25.1672, 94.7590** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **108.0490, -25.1672, -94.7590**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9530, 15.3062, 84.2332**, and **42.1370, 12.7505, 63.9009** is the 20% darker color. If you saturate the color by 10%, you get **64.9510, 25.1672, 94.7590**, and if you desaturate by 10%, it is **75.6140, 22.8683, 85.4075**.

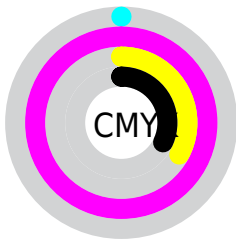
Distribution



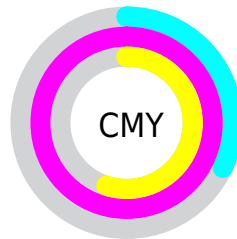
- Red (68%)
- Green (0%)
- Blue (45%)



- Red (68%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9510, 25.1672, 94.7590 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 64.9510, 25.1672, 94.7590 by changing the saturation by 10% instead.

■ 64.9510, 25.1672,
94.7590

■ 64.9510, 25.1672,
94.7590

■ 255.0000, 0.0000,
0.0000

■ 53.4300, 18.5220,
79.4299

■ 136.9530, 15.3062,
84.2332

■ 42.1370, 12.7505,
63.9009

■ 163.6320, 15.4644,
80.1297

■ 31.1430, 6.8315,
48.9866

■ 183.2600, 19.5918,
62.9160

■ 21.0890, 1.9281,
35.0019

■ 203.5890, 23.8666,
45.0874

■ 8.4860, -3.6906,
17.1138

■ 220.9540, 16.7847,
29.8583

■ 0.0000, 0.0000,
0.0000

■ 238.5640, 8.1029,

14.4144

■ 64.9510, 25.1672,
94.7590

■ 75.6140, 22.8683,
85.4075

■ 86.7500, 19.8433,
75.6413

■ 97.4130, 17.5444,
66.2898

■ 108.0760, 15.2455,
56.9383

■ 119.3260, 12.6573,
47.0721

■ 129.8750, 9.9216,
37.8206

■ 140.5380, 7.6228,
28.4692

■ 151.2010, 5.3239,
19.1177

■ 162.3370, 2.2989,
9.3515

Harmonies

Analogous

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



90.0680, 37.4345, 33.2664



64.9510, 25.1672, 94.7590



61.4860, 0.2534, 105.6908

Triad

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



64.9510, 25.1672, 94.7590



81.1580, -40.0109, -0.1386



84.5370, 42.1333, -74.1389

Complementary

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



64.9510, 25.1672, 94.7590



108.0490, -25.1672, -94.7590

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.



79.4240, 20.0040, -69.6548



64.9510, 25.1672, 94.7590



62.2220, -30.6754, -54.5687

Square

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



64.9510, 25.1672, 94.7590



85.2430, -42.0248, 39.2519



72.3390, -4.6041, -63.4413



83.0330, 56.6787, -72.8199

Rectangle

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



64.9510, 25.1672, 94.7590



74.6490, -23.9840, 86.2538



72.3390, -4.6041, -63.4413



83.4140, 35.2919, -73.1541

Sweetspot

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



64.9510, 25.1672, 94.7590



182.1630, 9.7796, 36.6910



36.1670, 67.4587, 16.5165



87.0380, 5.8973, 21.8917



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



64.9510, 25.1672, 94.7590



84.0760, 32.5005, 122.7133



55.3750, -11.5239, 103.1571



81.3750, 1.2941, 4.9331



56.3640, 22.0055, 82.1188



8.5870, 3.1616, 12.6402

Inverse Universe

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



64.9510, 25.1672, 94.7590



84.0760, 32.5005, 122.7133



117.6250, 11.5239, -103.1571



81.3750, 1.2941, 4.9331



56.3640, 22.0055, 82.1188



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 64.9510, 25.1672, 94.7590 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 × Fail

Black Background



This preview shows how the YUV color 64.9510, 25.1672, 94.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

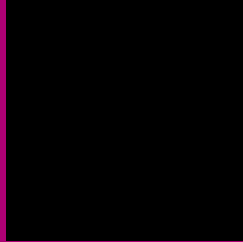
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.9510, 25.1672, 94.7590

Background



This preview shows how black text looks on a background with the YUV color 64.9510, 25.1672, 94.7590.



This preview shows how white text looks on a background with the YUV color 64.9510, 25.1672,

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

64.9510, 25.1672, 94.7590

Protanopia

88.4980, 38.2085, -28.5007

Deuteranopia

93.2480, 7.2727, 0.6595



Tritanopia

82.7060, -17.1101, 74.8028

Trichromacy



Original Color

64.9510, 25.1672, 94.7590

Protanomaly

79.9320, 33.5575, 16.7226

Deuteranomaly

82.8900, 13.8582, 35.1765

Tritanomaly

76.1750, -1.5653, 82.2845

Monochromacy



Original Color

64.9510, 25.1672, 94.7590

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7390, 9.4957, 34.4319

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9510, 25.1672, 94.7590 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(173, 0, 116)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 116)  
}
```

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(173, 0, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 116) }
```

Border

The CSS property to change the border of an element to YUV 64.9510, 25.1672, 94.7590 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(173, 0, 116) }
```


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

```
.border{ border-color:rgb(173, 0, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 0, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 116);  
box-shadow:4px 4px 4px 4px rgb(173, 0,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 64.9510, 25.1672, 94.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 116) }
```

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

```
.background{ background-color: rgb(173, 0,  
116) }
```

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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