

Converting Colors

YUV(64.1530, 22.1096, 95.4588)

Have a look what the booklet for
YUV(64.1530, 22.1096, 95.4588)
contains.

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Color

**YUV(64.1530, 22.1096,
95.4588)**

Conversions

Conversions Part 1

Format	Color
Hex	AD006D
RGB	173, 0, 109
RGB Percent	68%, 0%, 43%
CMY	0.3216, 1.0000, 0.5725
CMYK	0.00, 1.00, 0.37, 0.32
HSL	322°, 100%, 34%
HSV	322°, 100%, 68%
XYZ	19.9939, 9.9884, 15.3421
YIQ	64.1530, 68.1190, 70.5750

Conversions

Conversions Part 2

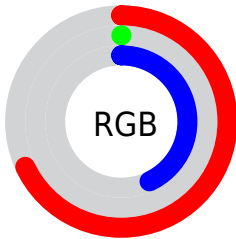
Format	Color
R_{YB}	173, 0, 109
Decimal	11337837
CIE _{Lab}	37.82, 65.38, -11.28
CIE _{LCh}	38, 66.341, 350.213
Yxy	9.9884, 0.4411, 0.2204
Android (android.graphics.Color)	4289527917 (0xFFAD006D)
YUV	64.1530, 22.1096, 95.4588
Hunter-Lab	31.6044, 57.6169, -6.6589

Details

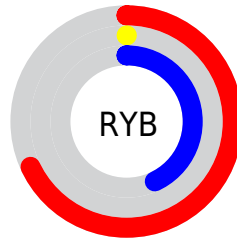
The YUV color **64.1530, 22.1096, 95.4588** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **108.8470, -22.1096, -95.4588**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5680, 12.5380, 85.4479**, and **41.3390, 9.6929, 64.6007** is the 20% darker color. If you saturate the color by 10%, you get **64.1530, 22.1096, 95.4588**, and if you desaturate by 10%, it is **74.8160, 19.8107, 86.1074**.

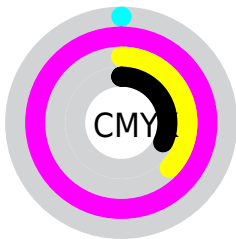
Distribution



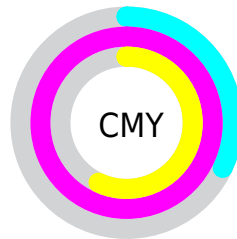
- Red (68%)
- Green (0%)
- Blue (43%)



- Red (68%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.1530, 22.1096, 95.4588 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 64.1530, 22.1096, 95.4588 by changing the saturation by 10% instead.

64.1530, 22.1096,
95.4588

64.1530, 22.1096,
95.4588

255.0000, 0.0000,
0.0000

52.7460, 15.9012,
80.0298

135.5680, 12.5380,
85.4479

41.3390, 9.6929,
64.6007

162.2470, 12.6962,
81.3444

30.2740, 4.7949,
48.8717

182.3480, 16.0974,
63.7158

20.1060, -0.5453,
34.9870

202.6770, 20.3722,
45.8873

7.8880, -3.3958,
15.8842

220.9540, 16.7847,
29.8583

0.0000, 0.0000,
0.0000

237.9770, 8.3923,

14.9292

■ 64.1530, 22.1096,
95.4588

■ 74.8160, 19.8107,
86.1074

■ 86.1800, 17.6593,
76.1411

■ 96.8430, 15.3604,
66.7897

■ 107.6200, 13.4983,
57.3383

■ 118.8700, 10.9101,
47.4720

■ 129.5330, 8.6112,
38.1206

■ 140.3100, 6.7492,
28.6691

■ 150.9730, 4.4503,
19.3177

■ 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.



88.7160, 34.6500, 39.7141



64.1530, 22.1096, 95.4588



62.8400, -3.3721, 101.8723

Triad

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



64.1530, 22.1096, 95.4588



79.3640, -39.1265, -3.8272



83.5910, 43.5856, -73.3093

Complementary

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



64.1530, 22.1096, 95.4588



108.8470, -22.1096, -95.4588

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.



79.4070, 22.4773, -69.6399



64.1530, 22.1096, 95.4588



62.4500, -29.8018, -54.7686

Square

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



64.1530, 22.1096, 95.4588



84.6230, -41.7191, 34.5336



72.4360, -1.6939, -63.5264



81.6310, 56.3839, -71.5904

Rectangle

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



64.1530, 22.1096, 95.4588



76.8780, -28.0409, 80.7910



72.4360, -1.6939, -63.5264



83.1690, 36.8917, -72.9392

Sweetspot

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



64.1530, 22.1096, 95.4588



181.8210, 8.4692, 36.9910



38.5590, 66.2794, 21.4348



86.8100, 5.0237, 22.0916



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.



64.1530, 22.1096, 95.4588



83.0500, 28.5694, 123.6131



54.3490, -15.4551, 104.0569



81.2610, 0.8573, 5.0331



55.6800, 19.3848, 82.7186



8.4730, 2.7248, 12.7402

Inverse Universe

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



64.1530, 22.1096, 95.4588



83.0500, 28.5694, 123.6131



118.6510, 15.4551, -104.0569



81.2610, 0.8573, 5.0331



55.6800, 19.3848, 82.7186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 64.1530, 22.1096, 95.4588 looks on a white background.

Color Contrast Check

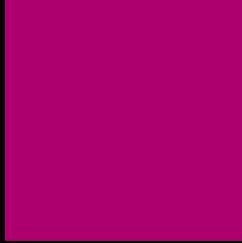
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 64.1530, 22.1096, 95.4588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

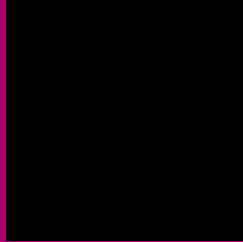
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.1530, 22.1096, 95.4588

Background



This preview shows how black text looks on a background with the YUV color 64.1530, 22.1096, 95.4588.



This preview shows how white text looks on a background with the YUV color 64.1530, 22.1096,

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

64.1530, 22.1096, 95.4588

Protanopia

89.4510, 32.8087, -23.1975

Deuteranopia

92.4610, 4.2097, 3.1037



Tritanopia

80.9020, -17.6997, 77.2619

Trichromacy



Original Color

64.1530, 22.1096, 95.4588



Protanomaly

80.1020, 29.0367, 20.0815



Deuteranomaly

82.3910, 10.6532, 36.4911



Tritanomaly

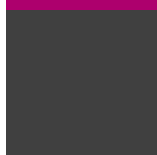
74.4310, -3.1705, 83.8140

Monochromacy



Original Color

64.1530, 22.1096, 95.4588



Achromatopsia

64.0000, 0.0000, 0.0000



Achromatomaly

64.2830, 7.7485, 34.8318

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.1530, 22.1096, 95.4588 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, 109)` looks like.

```
.text, #text, p{  
  color:rgb(173, 0, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 109) }
```

Border

The CSS property to change the border of an element to YUV 64.1530, 22.1096, 95.4588 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, 109) }
```


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

```
.border{ border-color:rgb(173, 0, 109) }
```

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, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 109);  
box-shadow:4px 4px 4px 4px rgb(173, 0,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 64.1530, 22.1096, 95.4588 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, 109) }
```

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

```
.background{ background-color: rgb(173, 0,  
109) }
```

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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