

Converting Colors

YUV(64.6090, 23.8568, 95.0589)

Have a look what the booklet for
YUV(64.6090, 23.8568, 95.0589)
contains.

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Color

**YUV(64.6090, 23.8568,
95.0589)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0071
RGB	173, 0, 113
RGB Percent	68%, 0%, 44%
CMY	0.3216, 1.0000, 0.5569
CMYK	0.00, 1.00, 0.35, 0.32
HSL	321°, 100%, 34%
HSV	321°, 100%, 68%
XYZ	20.2142, 10.0765, 16.5023
YIQ	64.6090, 66.8350, 71.8190

Conversions

Conversions Part 2

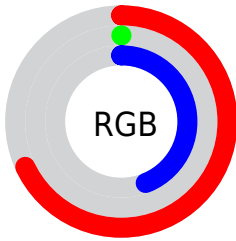
Format	Color
RYB	173, 0, 113
Decimal	11337841
CIELab	37.98, 65.78, -13.57
CIElCh	38, 67.168, 348.348
Yxy	10.0765, 0.4320, 0.2153
Android (android.graphics.Color)	4289527921 (0xFFAD0071)
YUV	64.6090, 23.8568, 95.0589
Hunter-Lab	31.7435, 58.1175, -8.6024

Details

The YUV color **64.6090, 23.8568, 95.0589** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **108.3910, -23.8568, -95.0589**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0240, 14.2852, 85.0480**, and **41.7950, 11.4401, 64.2008** is the 20% darker color. If you saturate the color by 10%, you get **64.6090, 23.8568, 95.0589**, and if you desaturate by 10%, it is **75.2720, 21.5579, 85.7075**.

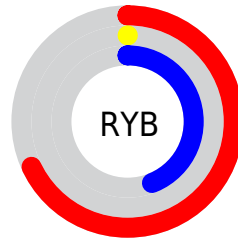
Distribution



Red (68%)

Green (0%)

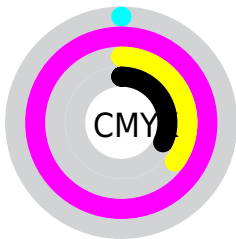
Blue (44%)



Red (68%)

Yellow (0%)

Blue (44%)

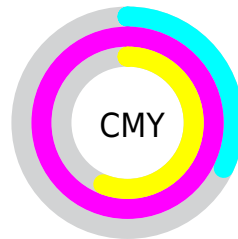


Cyan (0%)

Magenta (100%)

Yellow (35%)

Black (32%)



Cyan (32%)

Magenta (100%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6090, 23.8568, 95.0589 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 64.6090, 23.8568, 95.0589 by changing the saturation by 10% instead.

64.6090, 23.8568,
95.0589

64.6090, 23.8568,
95.0589

255.0000, 0.0000,
0.0000

53.0880, 17.2116,
79.7298

136.0240, 14.2852,
85.0480

41.7950, 11.4401,
64.2008

163.2900, 14.1540,
80.4297

30.9150, 5.9579,
49.1865

182.9180, 18.2814,
63.2159

20.5620, 1.2019,
34.5871

203.1330, 22.1194,
45.4874

8.1870, -3.5432,
16.4990

220.9540, 16.7847,
29.8583

0.0000, 0.0000,
0.0000

237.9770, 8.3923,

14.9292

■ 64.6090, 23.8568,
95.0589

■ 75.2720, 21.5579,
85.7075

■ 86.5220, 18.9697,
75.8412

■ 97.1850, 16.6708,
66.4898

■ 107.8480, 14.3719,
57.1383

■ 119.0980, 11.7837,
47.2721

■ 129.7610, 9.4848,
37.9206

■ 140.4240, 7.1860,
28.5692

■ 151.0870, 4.8871,
19.2177

■ 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.



89.4490, 36.2606, 36.4402



64.6090, 23.8568, 95.0589



60.8450, -0.9096, 105.3759

Triad

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



64.6090, 23.8568, 95.0589



80.5600, -39.7161, -1.3681



84.0640, 42.8594, -73.7241

Complementary

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



64.6090, 23.8568, 95.0589



108.3910, -23.8568, -95.0589

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.



79.6520, 20.8776, -69.8548



64.6090, 23.8568, 95.0589



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.



64.6090, 23.8568, 95.0589



84.3460, -41.5826, 37.4076



72.6810, -3.2937, -63.7412



82.3320, 56.5313, -72.2052

Rectangle

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



64.6090, 23.8568, 95.0589



75.4700, -25.8677, 83.7798



72.6810, -3.2937, -63.7412



82.9410, 36.0181, -72.7393

Sweetspot

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



64.6090, 23.8568, 95.0589



182.0490, 9.3428, 36.7910



37.0640, 67.0164, 18.3609



86.9240, 5.4605, 21.9917



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.



64.6090, 23.8568, 95.0589



83.7340, 31.1901, 123.0133



55.0330, -12.8343, 103.4571



81.3750, 1.2941, 4.9331



56.0220, 20.6952, 82.4187



8.5870, 3.1616, 12.6402

Inverse Universe

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



64.6090, 23.8568, 95.0589



83.7340, 31.1901, 123.0133



117.9670, 12.8343, -103.4571



81.3750, 1.2941, 4.9331



56.0220, 20.6952, 82.4187



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 64.6090, 23.8568, 95.0589 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

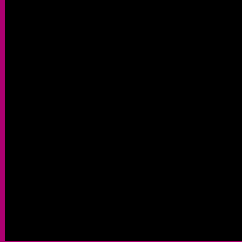
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6090, 23.8568, 95.0589

Background



This preview shows how black text looks on a background with the YUV color 64.6090, 23.8568, 95.0589.



This preview shows how white text looks on a background with the YUV color 64.6090, 23.8568,

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

64.6090, 23.8568, 95.0589

Protanopia

89.2380, 35.8717, -25.6417

Deuteranopia

93.2050, 5.8149, 1.5742



Tritanopia

82.1900, -17.8417, 76.1324

Trichromacy



Original Color

64.6090, 23.8568, 95.0589

Protanomaly

80.0740, 31.5155, 18.3521

Deuteranomaly

82.5480, 12.5478, 35.4764

Tritanomaly

75.8330, -2.8757, 82.5845

Monochromacy



Original Color

64.6090, 23.8568, 95.0589

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.5110, 8.6221, 34.6319

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6090, 23.8568, 95.0589 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 113) }
```

Border

The CSS property to change the border of an element to YUV 64.6090, 23.8568, 95.0589 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, 113) }
```


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

```
.border{ border-color:rgb(173, 0, 113) }
```

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, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(173, 0,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 64.6090, 23.8568, 95.0589 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, 113) }
```

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

```
.background{ background-color: rgb(173, 0,  
113) }
```

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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