

Converting Colors

YUV(64.1010, 10.7962, 84.1034)

Have a look what the booklet for
YUV(64.1010, 10.7962, 84.1034)
contains.

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Color

**YUV(64.1010, 10.7962,
84.1034)**

Conversions

Conversions Part 1

Format	Color
Hex	A00B56
RGB	160, 11, 86
RGB Percent	63%, 4%, 34%
CMY	0.3725, 0.9569, 0.6627
CMYK	0.00, 0.93, 0.46, 0.37
HSL	330°, 87%, 34%
HSV	330°, 93%, 63%
XYZ	16.2966, 8.3848, 9.5636
YIQ	64.1010, 64.7290, 54.9130

Conversions

Conversions Part 2

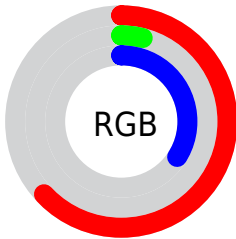
Format	Color
RYB	160, 11, 86
Decimal	10488662
CIELab	34.77, 58.93, -1.37
CIELCh	35, 58.945, 358.672
Yxy	8.3848, 0.4759, 0.2448
Android (android.graphics.Color)	4288678742 (0xFFA00B56)
YUV	64.1010, 10.7962, 84.1034
Hunter-Lab	28.9565, 49.7849, 0.6876

Details

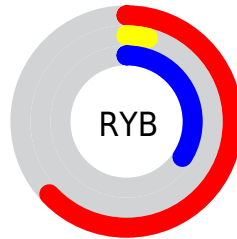
The YUV color **64.1010, 10.7962, 84.1034** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **106.8990, -10.7962, -84.1034**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5320, 3.6817, 79.3404**, and **35.1720, 2.8732, 58.6082** is the 20% darker color. If you saturate the color by 10%, you get **57.0740, 11.7955, 90.2661**, and if you desaturate by 10%, it is **74.4050, 9.6603, 75.0668**.

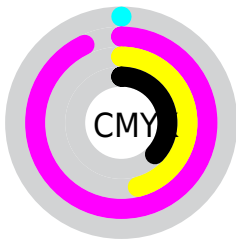
Distribution



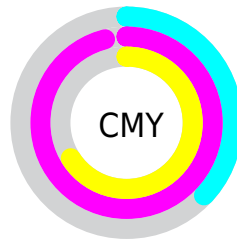
- Red (63%)
- Green (4%)
- Blue (34%)



- Red (63%)
- Yellow (4%)
- Blue (34%)



- Cyan (0%)
- Magenta (93%)
- Yellow (46%)
- Black (37%)





- Cyan (37%)
- Magenta (96%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 64.1010, 10.7962, 84.1034 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 64.1010, 10.7962, 84.1034 by changing the saturation by 10% instead.


 64.1010, 10.7962,
84.1034


 64.1010, 10.7962,
84.1034


255.0000, 0.0000,
0.0000

 46.3510, 8.2080,
74.2372


 128.5320, 3.6817,
79.3404

 35.1720, 2.8732,
58.6082

 157.2010, 2.3659,
81.3847


 24.5200, -1.7354,
43.3940

 178.2100, 5.3195,
67.3448

 14.2810, -6.0545,
28.6946

 197.7240, 9.0101,
50.2311

 0.0000, 0.0000,
0.0000

 218.0530, 13.2849,
32.4025

 236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

■ 64.1010, 10.7962,
84.1034

■ 64.1010, 10.7962,
84.1034

■ 57.0740, 11.7955,
90.2661

■ 74.4050, 9.6603,
75.0668

■ 84.7090, 8.5245,
66.0302

■ 95.0130, 7.3886,
56.9936

■ 105.3170, 6.2527,
47.9570

■ 115.6210, 5.1168,
38.9204

■ 125.9250, 3.9810,
29.8838

■ 136.2290, 2.8451,
20.8472

■ 146.5330, 1.7092,
11.8106

■ 156.8370, 0.5734,
2.7740

Harmonies

Analogous

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



79.6540, 25.3136, 47.6614



64.1010, 10.7962, 84.1034



69.1240, -14.3581, 78.8213

Triad

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



64.1010, 10.7962, 84.1034



70.4490, -34.7314, -13.5488



75.9940, 42.4010, -66.6467

Complementary

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



64.1010, 10.7962, 84.1034



106.8990, -10.7962, -84.1034

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.



74.2380, 25.5187, -65.1067



64.1010, 10.7962, 84.1034



60.7180, -16.1300, -53.2497

Square

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



64.1010, 10.7962, 84.1034



76.8710, -37.8974, 22.0381



68.1790, 4.8418, -59.7930



72.4210, 51.5574, -63.5132

Rectangle

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



64.1010, 10.7962, 84.1034



73.6880, -33.3702, 63.4176



68.1790, 4.8418, -59.7930



76.0280, 37.4542, -66.6766

Sweetspot

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



64.1010, 10.7962, 84.1034



171.6480, 4.1175, 32.7577



49.5140, 54.4696, 29.3672



81.8160, 2.5557, 20.3324



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



64.1010, 10.7962, 84.1034



74.4610, 15.0557, 117.9907



55.7790, -21.0900, 91.4018



73.8480, 0.5679, 4.5183



50.9650, 10.3703, 80.7147



5.3970, 1.2833, 8.4218

Inverse Universe

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



64.1010, 10.7962, 84.1034



74.4610, 15.0557, 117.9907



115.2210, 21.0900, -91.4018



73.8480, 0.5679, 4.5183



50.9650, 10.3703, 80.7147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 64.1010, 10.7962, 84.1034 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

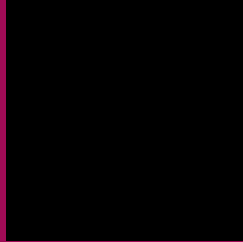
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.1010, 10.7962, 84.1034

Background



This preview shows how black text looks on a background with the YUV color 64.1010, 10.7962, 84.1034.



This preview shows how white text looks on a background with the YUV color 64.1010, 10.7962,

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

64.1010, 10.7962, 84.1034

Protanopia

83.9720, 19.2408, -11.3764

Deuteranopia

84.6590, -2.7899, 8.1921



Tritanopia

71.5920, -17.5469, 74.9028

Trichromacy



Original Color

64.1010, 10.7962, 84.1034

Protanomaly

76.7960, 16.3696, 22.9809

Deuteranomaly

77.5020, 2.2175, 35.5167

Tritanomaly

68.6600, -7.2274, 78.3512

Monochromacy



Original Color

64.1010, 10.7962, 84.1034

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2240, 3.8336, 30.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.1010, 10.7962, 84.1034 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(160, 11, 86)` looks like.

```
.text, #text, p{  
    color:rgb(160, 11, 86)  
}
```

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(160, 11, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 11, 86) }
```

Border

The CSS property to change the border of an element to YUV 64.1010, 10.7962, 84.1034 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(160, 11, 86) }
```


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

```
.border{ border-color:rgb(160, 11, 86) }
```

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

Here you see how a box with a 4 pixel rgb(160, 11, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 11, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 11, 86);  
box-shadow:4px 4px 4px 4px rgb(160, 11,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 64.1010, 10.7962, 84.1034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 11, 86) }
```

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

```
.background{ background-color: rgb(160, 11,  
86) }
```

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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