

Converting Colors

YUV(164.5270, 0.7262, 0.4148)

Have a look what the booklet for
YUV(164.5270, 0.7262, 0.4148)
contains.

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Color

**YUV(164.5270, 0.7262,
0.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A4A6
RGB	165, 164, 166
RGB Percent	65%, 64%, 65%
CMY	0.3529, 0.3569, 0.3490
CMYK	0.01, 0.01, 0.00, 0.35
HSL	270°, 1%, 65%
HSV	270°, 1%, 65%
XYZ	35.6754, 37.3034, 41.3964
YIQ	164.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

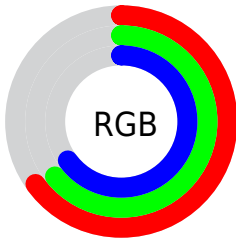
Format	Color
RYB	165, 164, 166
Decimal	10855590
CIELab	67.50, 0.74, -0.91
CIElCh	68, 1.178, 309.032
Yxy	37.3034, 0.3119, 0.3261
Android (android.graphics.Color)	4289045670 (0xFFA5A4A6)
YUV	164.5270, 0.7262, 0.4148
Hunter-Lab	61.0765, -2.6202, 2.5681

Details

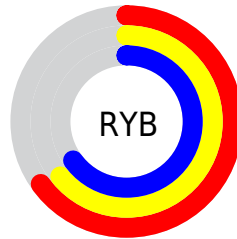
The YUV color $164.5270, 0.7262, 0.4148$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $165.4730, -0.7262, -0.4148$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.5270, 0.7262, 0.4148$, and $112.5270, 0.7262, 0.4148$ is the 20% darker color. If you saturate the color by 10%, you get $152.1560, 6.8251, 4.2482$, and if you desaturate by 10%, it is $176.8980, -5.3727, -3.4185$.

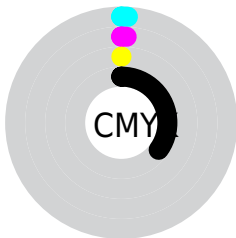
Distribution



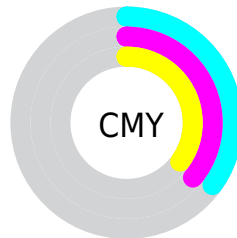
- Red (65%)
- Green (64%)
- Blue (65%)



- Red (65%)
- Yellow (64%)
- Blue (65%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)





- Cyan (35%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5270, 0.7262, 0.4148 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 164.5270, 0.7262, 0.4148 by changing the saturation by 10% instead.

 164.5270, 0.7262,
0.4148


 164.5270, 0.7262,
0.4148


255.0000, 0.0000,
0.0000


 138.5270, 0.7262,
0.4148


 219.5270, 0.7262,
0.4148


 112.5270, 0.7262,
0.4148

 247.6410, 1.1630,
0.3148

 88.5270, 0.7262,
0.4148

 65.1140, 0.4368,
-0.1000

 43.1140, 0.4368,
-0.1000

 22.5270, 0.7262,
0.4148

 0.0000, 0.0000,

0.0000

■ 164.5270, 0.7262,
0.4148

■ 164.5270, 0.7262,
0.4148

■ 152.1560, 6.8251,
4.2482

■ 176.8980, -5.3727,
-3.4185

■ 140.0730, 12.7820,
6.9520

■ 188.9810,
-11.3296, -6.1223

■ 127.7020, 18.8809,
10.7853

■ 201.3520,
-17.4285, -9.9557

■ 115.9180, 24.6904,
14.1039

■ 213.1360,
-23.2380, -13.2743

■ 103.2480, 30.9367,
17.3225

■ 225.5070,
-29.3370, -17.1076

■ 90.8770, 37.0356,
21.1559

■ 232.8940,
-32.9787, -15.6930

■ 79.0930, 42.8452,
24.4744

■ 235.2860,
-34.1580, -10.7748

■ 66.7220, 48.9441,
28.3078

■ 237.6780,
-35.3373, -5.8566

■ 54.6390, 54.9010,
31.0116

■ 240.3690,
-36.6639, -0.3236

Harmonies

Analogous

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



164.2280, 0.8736, -0.2000



164.5270, 0.7262, 0.4148



164.7120, 0.1420, 1.1296

Triad

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



164.5270, 0.7262, 0.4148



164.3700, -1.1684, 1.4295



164.1030, 0.4422, -1.8443

Complementary

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



164.5270, 0.7262, 0.4148



165.4730, -0.7262, -0.4148

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.



164.2880, -0.1420, -1.1296



164.5270, 0.7262, 0.4148



164.0710, -1.0210, 0.8147

Square

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



164.5270, 0.7262, 0.4148



164.7830, -0.8790, 1.9443



164.4730, -0.7262, -0.4148



164.2170, 0.8790, -1.9443

Rectangle

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



164.5270, 0.7262, 0.4148



164.8970, -0.4422, 1.8443



164.4730, -0.7262, -0.4148



163.9890, 0.0054, -1.7444

Sweetspot

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



164.5270, 0.7262, 0.4148



217.0000, 0.0000, 0.0000



164.8150, 0.5842, -0.7148



110.0000, 0.0000, 0.0000



237.0000, 0.0000, 0.0000

Same Dimension

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



164.5270, 0.7262, 0.4148



215.5270, 0.7262, 0.4148



164.8260, 0.5788, 1.0296



83.4130, 0.2894, 0.5148



38.9980, 53.7380, 30.6968



5.2700, 7.2619, 4.1482

Inverse Universe

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



164.7120, 0.1420, 1.1296



215.7120, 0.1420, 1.1296



165.1740, -0.5788, -1.0296



83.4130, 0.2894, 0.5148



52.6880, 10.5068, 83.5886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 164.5270, 0.7262, 0.4148 looks on a white background.

Color Contrast Check

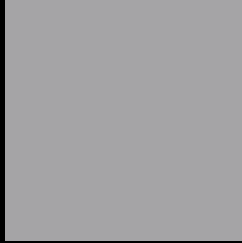
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 164.5270, 0.7262, 0.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

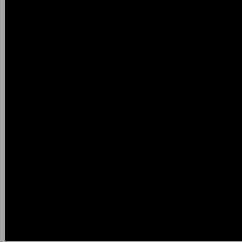
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

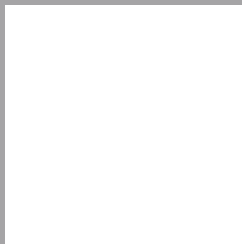
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.5270, 0.7262, 0.4148

Background



This preview shows how black text looks on a background with the YUV color 164.5270, 0.7262, 0.4148.



This preview shows how white text looks on a background with the YUV color 164.5270, 0.7262,

0.4148.

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

164.5270, 0.7262, 0.4148

Protanopia

164.5380, 0.7208, 2.1592

Deuteranopia

165.8920, 0.5462, 11.4957



Tritanopia

165.2650, 4.7994, 0.6446

Trichromacy



Original Color

164.5270, 0.7262, 0.4148

Protanomaly

164.2390, 0.8682, 1.5444

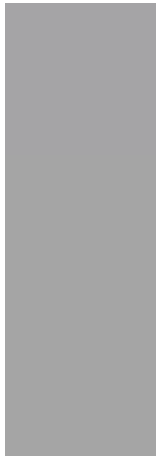
Deuteranomaly

165.5710, 0.7045, 7.3922

Tritanomaly

164.9230, 3.4890, 0.9445

Monochromacy



Original Color

164.5270, 0.7262, 0.4148

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5270, 0.7262, 0.4148 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(165, 164, 166)` looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 166)  
}
```

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(165, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 166) }
```

Border

The CSS property to change the border of an element to YUV 164.5270, 0.7262, 0.4148 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(165, 164, 166) }
```

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

```
.border{ border-color:rgb(165, 164, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
166) }
```


Background

The CSS property to change the background color of an element to YUV 164.5270, 0.7262, 0.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 166) }
```

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

```
.background{ background-color: rgb(165,  
164, 166) }
```

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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