

Converting Colors

YUV(162.2050, -4.0451,
37.5312)

Have a look what the booklet for
YUV(162.2050, -4.0451, 37.5312)
contains.

YUV(162.2050, -4.0451, 37.5312)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(162.2050, -4.0451,
37.5312)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8E9A
RGB	205, 142, 154
RGB Percent	80%, 56%, 60%
CMY	0.1961, 0.4431, 0.3961
CMYK	0.00, 0.31, 0.25, 0.20
HSL	349°, 39%, 68%
HSV	349°, 31%, 80%
XYZ	40.6826, 34.6582, 35.1174
YIQ	162.2050, 33.6960, 17.0880

Conversions

Conversions Part 2

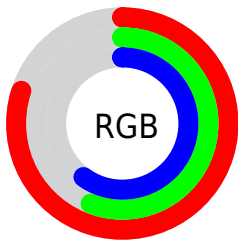
Format	Color
R _Y B	205, 142, 154
Decimal	13471386
CIE Lab	65.48, 25.60, 3.33
CIE LCh	65, 25.815, 7.409
Yxy	34.6582, 0.3683, 0.3138
Android (android.graphics.Color)	4291661466 (0xFFCD8E9A)
YUV	162.2050, -4.0451, 37.5312
Hunter-Lab	58.8712, 20.3265, 5.8427

Details

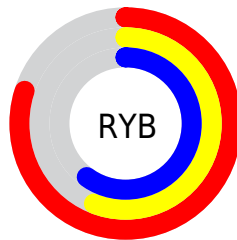
The YUV color $162.2050, -4.0451, 37.5312$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $184.7950, 4.0451, -37.5312$, and the grayscale version is $162.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $215.0090, -3.4554, 35.0721$, and $109.7100, -3.3080, 34.4573$ is the 20% darker color. If you saturate the color by 10%, you get $148.5270, -5.6828, 49.5268$, and if you desaturate by 10%, it is $176.4700, -2.6967, 25.0208$.

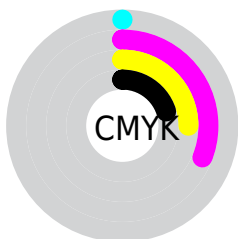
Distribution



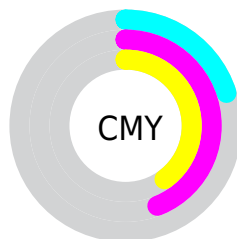
- Red (80%)
- Green (56%)
- Blue (60%)



- Red (80%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.2050, -4.0451, 37.5312 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 162.2050, -4.0451, 37.5312 by changing the saturation by 10% instead.

■ 162.2050, -4.0451,
37.5312

■ 162.2050, -4.0451,
37.5312

255.0000, 0.0000,
0.0000

■ 135.6070, -3.7503,
36.3017

■ 215.0090, -3.4554,
35.0721

■ 109.7100, -3.3080,
34.4573

■ 234.7510, 1.1088,
17.7584

■ 85.1120, -3.0132,
33.2278

■ 253.8260, 0.5788,
1.0296

■ 60.6280, -2.2816,
31.8982

■ 37.5460, -1.2552,
29.3392

■ 15.8340, -1.3972,
28.2096

■ 4.4850, -2.2111,

9.2217

■ 0.0000, 0.0000,
0.0000

■ 162.2050, -4.0451,
37.5312

■ 162.2050, -4.0451,
37.5312

■ 148.5270, -5.6828,
49.5268

■ 176.4700, -2.6967,
25.0208

■ 134.3760, -6.5944,
61.9372

■ 190.0340, -1.4958,
13.1252

■ 120.6980, -8.2321,
73.9329

■ 204.2990, -0.1474,
0.6148

■ 106.5470, -9.1437,
86.3433

■ 217.8630, 1.0535,
-11.2809

■ 92.2820, -10.4920,
98.8537

■ 232.1280, 2.4019,
-23.7913

■ 78.6040, -12.1298,
110.8493

■ 239.9360, 6.9336,
-30.6389

■ 65.7410, -13.1833,
122.1301

■ 240.0500, 7.3704,
-30.7388

Harmonies

Analogous

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



162.4130, 7.1914, 26.8248



162.2050, -4.0451, 37.5312



161.1590, -14.3754, 37.5716

Triad

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



162.2050, -4.0451, 37.5312



154.4060, -15.9762, -9.1261



152.3490, 23.9849, -39.7711

Complementary

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



162.2050, -4.0451, 37.5312



184.7950, 4.0451, -37.5312

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.



148.1920, 18.6393, -51.9114



162.2050, -4.0451, 37.5312



151.1460, -5.0020, -29.0690

Square

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



162.2050, -4.0451, 37.5312



157.0450, -21.7142, 11.3615



148.3640, 7.7085, -45.9232



157.9650, 23.1883, -17.5093

Rectangle

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



162.2050, -4.0451, 37.5312



159.8610, -19.1585, 31.6939



148.3640, 7.7085, -45.9232



150.3760, 22.9856, -45.9338

Sweetspot

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



162.2050, -4.0451, 37.5312



239.3330, -1.6432, 13.7400



164.1320, 20.1479, 24.4402



117.8270, -0.9007, 8.9217



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



162.2050, -4.0451, 37.5312



191.1580, -5.9939, 55.9894



171.9900, -14.7851, 28.9498



95.2180, -0.6005, 5.9478



53.2820, -10.4920, 98.8537



12.1600, -2.5439, 22.6617

Inverse Universe

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



162.2050, -4.0451, 37.5312



191.1580, -5.9939, 55.9894



175.0100, 14.7851, -28.9498



95.2180, -0.6005, 5.9478



53.2820, -10.4920, 98.8537



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 162.2050, -4.0451, 37.5312 looks on a white background.

Color Contrast Check

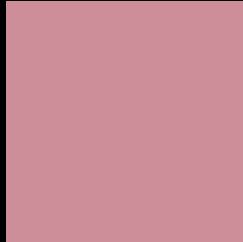
Large Text (above 18pt) WCAG AA × Fail

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 162.2050, -4.0451, 37.5312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

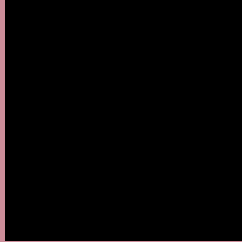
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.2050, -4.0451, 37.5312

Background



This preview shows how black text looks on a background with the YUV color 162.2050, -4.0451, 37.5312.



This preview shows how white text looks on a background with the YUV color 162.2050, -4.0451,

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

162.2050, -4.0451, 37.5312

Protanopia

160.0540, 1.4524, 0.8296

Deuteranopia

160.9480, -4.4114, 14.9546



Tritanopia

162.0910, -4.4819, 37.6312

Trichromacy



Original Color

162.2050, -4.0451, 37.5312

Protanomaly

160.9740, -0.4802, 14.0548

Deuteranomaly

161.7040, -4.2911, 23.0616

Tritanomaly

162.0910, -4.4819, 37.6312

Monochromacy



Original Color

162.2050, -4.0451, 37.5312

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.3330, -1.6432, 13.7400

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2050, -4.0451, 37.5312 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(205, 142, 154)` looks like.

```
.text, #text, p{  
    color:rgb(205, 142, 154)  
}
```

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(205, 142, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 142, 154) }
```

Border

The CSS property to change the border of an element to YUV 162.2050, -4.0451, 37.5312 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(205, 142, 154) }
```


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

```
.border{ border-color:rgb(205, 142, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 142, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 142, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 142, 154);  
box-shadow:4px 4px 4px 4px rgb(205, 142,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 162.2050, -4.0451, 37.5312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 142, 154) }
```

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

```
.background{ background-color: rgb(205,  
142, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor