

Converting Colors

YUV(166.2470, 8.7522, -7.2326)

Have a look what the booklet for
YUV(166.2470, 8.7522, -7.2326)
contains.

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Color

**YUV(166.2470, 8.7522,
-7.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA7B8
RGB	158, 167, 184
RGB Percent	62%, 65%, 72%
CMY	0.3804, 0.3451, 0.2784
CMYK	0.14, 0.09, 0.00, 0.28
HSL	219°, 15%, 67%
HSV	219°, 14%, 72%
XYZ	36.5710, 38.3672, 50.8255
YIQ	166.2470, -10.8210, 3.3790

Conversions

Conversions Part 2

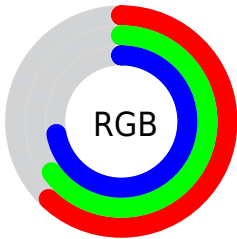
Format	Color
RYB	158, 165, 184
Decimal	10397624
CIELab	68.29, 0.35, -9.82
CIELCh	68, 9.823, 272.015
Yxy	38.3672, 0.2908, 0.3051
Android (android.graphics.Color)	4288587704 (0xFF9EA7B8)
YUV	166.2470, 8.7522, -7.2326
Hunter-Lab	61.9413, -3.0084, -5.2911

Details

The YUV color **166.2470, 8.7522, -7.2326** is a light color, and the websafe version is hex **999999**. A complement of this color would be **175.7530, -8.7522, 7.2326**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3610, 9.1890, -7.3326**, and **114.1330, 8.3154, -7.1326** is the 20% darker color. If you saturate the color by 10%, you get **153.8210, 14.8782, -12.1210**, and if you desaturate by 10%, it is **178.6730, 2.6262, -2.3442**.

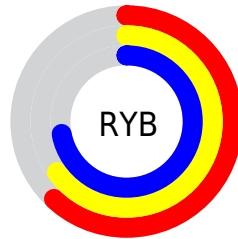
Distribution



Red (62%)

Green (65%)

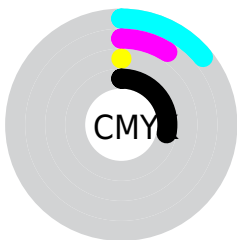
Blue (72%)



Red (62%)

Yellow (65%)

Blue (72%)

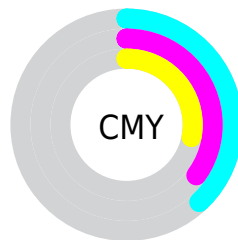


Cyan (14%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (38%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2470, 8.7522, -7.2326 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 166.2470, 8.7522, -7.2326 by changing the saturation by 10% instead.

■ 166.2470, 8.7522,
-7.2326

■ 166.2470, 8.7522,
-7.2326

■ 255.0000, 0.0000,
0.0000

■ 140.1330, 8.3154,
-7.1326

■ 221.3610, 9.1890,
-7.3326

■ 114.1330, 8.3154,
-7.1326

■ 248.4660, 3.2213,
-6.5477

■ 90.0190, 7.8786,
-7.0327

■ 66.3180, 7.7312,
-6.4179

■ 44.2040, 7.2944,
-6.3179

■ 23.6770, 6.5682,
-6.7327

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 166.2470, 8.7522,
-7.2326

■ 166.2470, 8.7522,
-7.2326

■ 153.8210, 14.8782,
-12.1210

■ 178.6730, 2.6262,
-2.3442

■ 141.0960, 21.1517,
-17.6242

■ 191.3980, -3.6472,
3.1590

■ 128.6700, 27.2777,
-22.5126

■ 203.8240, -9.7732,
8.0474

■ 115.9450, 33.5511,
-28.0158

■ 216.5490,
-16.0467, 13.5505

■ 103.5190, 39.6771,
-32.9042

■ 228.9750,
-22.1727, 18.4389

■ 91.0930, 45.8032,
-37.7926

■ 237.5140,
-26.3824, 15.3352

■ 78.3680, 52.0766,
-43.2957

■ 244.5580,
-29.8551, 9.1576

■ 65.9420, 58.2026,
-48.1841

■ 246.9060,
-31.0127, 7.0984

■ 58.5440, 61.8498,
-51.3431

Harmonies

Analogous

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



165.0890, 8.3371, -14.1101



166.2470, 8.7522, -7.2326



167.4330, 6.6885, 1.3743

Triad

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



166.2470, 8.7522, -7.2326



168.0190, -5.4324, 15.7693



164.1360, -3.0250, -9.7663

Complementary

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



166.2470, 8.7522, -7.2326



175.7530, -8.7522, 7.2326

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.



165.1540, -6.9779, -1.8891



166.2470, 8.7522, -7.2326



167.0140, -7.8949, 12.2657

Square

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



166.2470, 8.7522, -7.2326



168.7460, -1.3538, 14.2548



166.1550, -8.4574, 6.0031



163.6560, 1.6486, -15.4843

Rectangle

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



166.2470, 8.7522, -7.2326



167.8960, 4.4883, 7.1072



166.1550, -8.4574, 6.0031



164.1040, -4.4883, -7.1072

Sweetspot

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



166.2470, 8.7522, -7.2326



232.9010, 3.4998, -2.5442



175.2000, -0.0986, -15.0844



115.8580, 2.0420, -1.6295



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



166.2470, 8.7522, -7.2326



211.8920, 13.8572, -11.3063



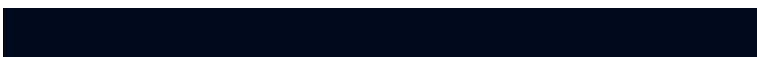
162.1600, 10.7671, -0.1403



85.7870, 3.0630, -2.4442



49.4820, 52.5134, -43.3957



9.0620, 9.3364, -7.9474

Inverse Universe

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



166.8000, 0.0986, 15.0844



212.8550, 0.0715, 23.8062



179.8400, -10.7671, 0.1403



86.0330, -0.0163, 5.2331



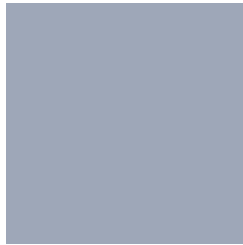
52.8000, 0.5916, 90.5064



9.5120, 0.2406, 16.2140

Previews

White Background



This preview shows how the YUV color 166.2470, 8.7522, -7.2326 looks on a white background.

Color Contrast Check

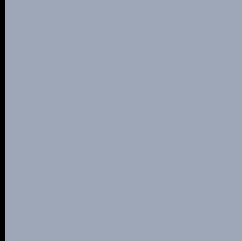
Large Text (above 18pt) WCAG AA × Fail

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 166.2470, 8.7522, -7.2326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

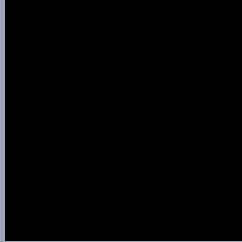
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2470, 8.7522, -7.2326

Background



This preview shows how black text looks on a background with the YUV color 166.2470, 8.7522, -7.2326.



This preview shows how white text looks on a background with the YUV color 166.2470, 8.7522, -7.2326.

-7.2326.

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

166.2470, 8.7522, -7.2326

Protanopia

166.7530, 8.0098, -2.4144

Deuteranopia

168.2100, 8.2775, 5.0778



Tritanopia

166.1930, 7.2999, -8.0623

Trichromacy



Original Color

166.2470, 8.7522, -7.2326

Protanomaly

166.7420, 8.0152, -4.1587

Deuteranomaly

167.5900, 8.5831, 0.3596

Tritanomaly

166.3070, 7.7366, -8.1622

Monochromacy



Original Color

166.2470, 8.7522, -7.2326

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2470, 8.7522, -7.2326 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(158, 167, 184)` looks like.

```
.text, #text, p{  
    color:rgb(158, 167, 184)  
}
```

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(158, 167, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 167, 184) }
```

Border

The CSS property to change the border of an element to YUV 166.2470, 8.7522, -7.2326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

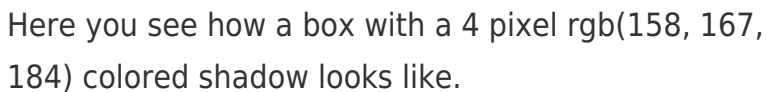
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 167, 184) }
```


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

```
.border{ border-color:rgb(158, 167, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 167, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 167, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 167, 184);  
box-shadow:4px 4px 4px 4px rgb(158, 167,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 166.2470, 8.7522, -7.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 167, 184) }
```

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

```
.background{ background-color: rgb(158,  
167, 184) }
```

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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