

Converting Colors

YUV(166.5840, -2.2599,
24.9208)

Have a look what the booklet for
YUV(166.5840, -2.2599, 24.9208)
contains.

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Color

**YUV(166.5840, -2.2599,
24.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	C399A2
RGB	195, 153, 162
RGB Percent	76%, 60%, 64%
CMY	0.2353, 0.4000, 0.3647
CMYK	0.00, 0.22, 0.17, 0.24
HSL	347°, 26%, 68%
HSV	347°, 22%, 76%
XYZ	40.4185, 36.9932, 39.1925
YIQ	166.5840, 22.1430, 11.7030

Conversions

Conversions Part 2

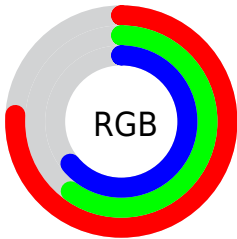
Format	Color
R_{YB}	195, 153, 162
Decimal	12818850
CIE Lab	67.27, 17.07, 1.30
CIE LCh	67, 17.116, 4.366
Yxy	36.9932, 0.3466, 0.3173
Android (android.graphics.Color)	4291008930 (0xFFC399A2)
YUV	166.5840, -2.2599, 24.9208
Hunter-Lab	60.8220, 12.1813, 4.3701

Details

The YUV color $166.5840, -2.2599, 24.9208$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $181.4160, 2.2599, -24.9208$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.5950, -2.2653, 26.6652$, and $114.5730, -2.2545, 23.1765$ is the 20% darker color. If you saturate the color by 10%, you get $153.7210, -3.3135, 36.2017$, and if you desaturate by 10%, it is $179.4470, -1.2064, 13.6400$.

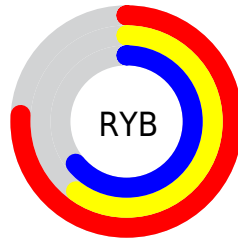
Distribution



Red (76%)

Green (60%)

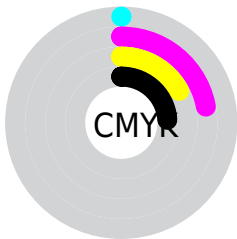
Blue (64%)



Red (76%)

Yellow (60%)

Blue (64%)

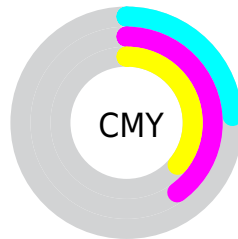


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5840, -2.2599, 24.9208 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 166.5840, -2.2599, 24.9208 by changing the saturation by 10% instead.

■ 166.5840, -2.2599,
24.9208

■ 166.5840, -2.2599,
24.9208

255.0000, 0.0000,
0.0000

■ 139.9860, -1.9651,
23.6913

■ 221.5950, -2.2653,
26.6652

■ 114.5730, -2.2545,
23.1765

■ 242.7070, 1.1304,
10.7810

■ 89.9750, -1.9597,
21.9469

■ 65.7900, -1.3755,
21.2322

■ 42.8930, -0.9332,
19.3878

■ 21.9960, -0.4910,
17.5435

■ 3.8870, -1.9163,

7.9921

■ 0.0000, 0.0000,
0.0000

■ 166.5840, -2.2599,
24.9208

■ 166.5840, -2.2599,
24.9208

■ 153.7210, -3.3135,
36.2017

■ 179.4470, -1.2064,
13.6400

■ 140.1570, -4.5144,
48.0973

■ 193.0110, -0.0054,
1.7444

■ 127.2940, -5.5679,
59.3782

■ 205.8740, 1.0481,
-9.5365

■ 113.8440, -6.3321,
71.1738

■ 219.3240, 1.8123,
-21.3321

■ 100.8670, -7.8224,
82.5546

■ 232.8880, 3.0132,
-33.2278

■ 87.4170, -8.5866,
94.3503

■ 236.9460, 8.4076,
-36.7866

■ 74.5540, -9.6401,
105.6311

■ 237.0600, 8.8444,
-36.8866

■ 63.0930, -10.3988,
115.6824

Harmonies

Analogous

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



166.7770, 5.0399, 16.8586



166.5840, -2.2599, 24.9208



165.4610, -9.1013, 25.9057

Triad

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



166.5840, -2.2599, 24.9208



160.9920, -11.3351, -4.3780



160.4450, 15.0636, -24.9463

Complementary

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



166.5840, -2.2599, 24.9208



181.4160, 2.2599, -24.9208

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.



158.3750, 11.1541, -31.0239



166.5840, -2.2599, 24.9208



159.0380, -4.4557, -17.5733

Square

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



166.5840, -2.2599, 24.9208



162.8690, -14.7254, 9.7619



158.1490, 3.8705, -28.1947



162.9350, 15.3150, -12.2210

Rectangle

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



166.5840, -2.2599, 24.9208



165.1140, -12.8742, 22.7020



158.1490, 3.8705, -28.1947



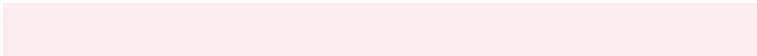
159.1950, 14.2009, -28.2350

Sweetspot

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



166.5840, -2.2599, 24.9208



241.9410, -0.4639, 8.8217



167.6550, 13.4811, 16.0886



121.8050, -0.8899, 5.4330



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.



166.5840, -2.2599, 24.9208



208.0310, -3.4663, 38.5608



172.6020, -9.6638, 19.6430



90.2180, -0.6005, 5.9478



52.0150, -8.8814, 95.5798



10.6650, -1.8068, 19.5878

Inverse Universe

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



166.5840, -2.2599, 24.9208



208.0310, -3.4663, 38.5608



175.3980, 9.6638, -19.6430



90.2180, -0.6005, 5.9478



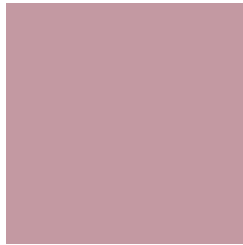
52.0150, -8.8814, 95.5798



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 166.5840, -2.2599, 24.9208 looks on a white background.

Color Contrast Check

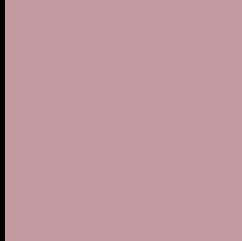
Large Text (above 18pt) WCAG AA × Fail

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 166.5840, -2.2599, 24.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

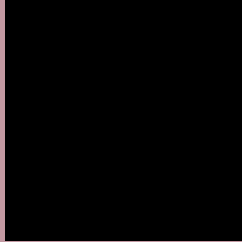
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.5840, -2.2599, 24.9208

Background



This preview shows how black text looks on a background with the YUV color 166.5840, -2.2599, 24.9208.



This preview shows how white text looks on a background with the YUV color 166.5840, -2.2599,

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

166.5840, -2.2599, 24.9208

Protanopia

164.4670, 1.7418, 1.3444

Deuteranopia

165.8060, -2.3694, 13.3251



Tritanopia

166.8120, -1.3863, 24.7209

Trichromacy



Original Color

166.5840, -2.2599, 24.9208

Protanomaly

165.1800, 0.4043, 10.3661

Deuteranomaly

166.1270, -2.5276, 17.4286

Tritanomaly

166.6980, -1.8231, 24.8209

Monochromacy



Original Color

166.5840, -2.2599, 24.9208

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8270, -0.9007, 8.9217

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5840, -2.2599, 24.9208 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(195, 153, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 153, 162)  
}
```

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(195, 153, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 153, 162) }
```

Border

The CSS property to change the border of an element to YUV 166.5840, -2.2599, 24.9208 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(195, 153, 162) }
```


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

```
.border{ border-color:rgb(195, 153, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 153, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 153, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 153, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 153,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 166.5840, -2.2599, 24.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 153, 162) }
```

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

```
.background{ background-color: rgb(195,  
153, 162) }
```

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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