

Converting Colors

YUV(195.9510, 7.9122, 28.9840)

Have a look what the booklet for
YUV(195.9510, 7.9122, 28.9840)
contains.

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Color

**YUV(195.9510, 7.9122,
28.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B0D4
RGB	229, 176, 212
RGB Percent	90%, 69%, 83%
CMY	0.1020, 0.3098, 0.1686
CMYK	0.00, 0.23, 0.07, 0.10
HSL	319°, 50%, 79%
HSV	319°, 23%, 90%
XYZ	59.7221, 52.4621, 69.2659
YIQ	195.9510, 20.0320, 22.4320

Conversions

Conversions Part 2

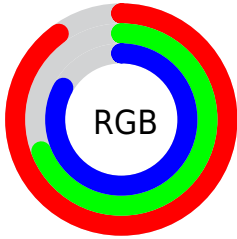
Format	Color
R _Y B	229, 176, 212
Decimal	15053012
CIE Lab	77.56, 24.99, -10.70
CIE LCh	78, 27.190, 336.816
Yxy	52.4621, 0.3291, 0.2891
Android (android.graphics.Color)	4293243092 (0xFFE5B0D4)
YUV	195.9510, 7.9122, 28.9840
Hunter-Lab	72.4308, 20.4267, -5.9978

Details

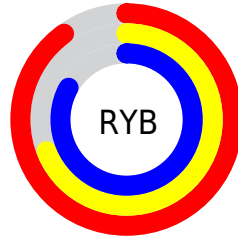
The YUV color **195.9510, 7.9122, 28.9840** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **209.0490, -7.9122, -28.9840**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **141.8260, 7.4808, 27.3396** is the 20% darker color. If you saturate the color by 10%, you get **181.6520, 11.5106, 41.5242**, and if you desaturate by 10%, it is **210.2500, 4.3137, 16.4438**.

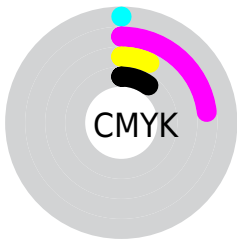
Distribution



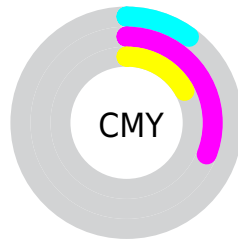
- Red (90%)
- Green (69%)
- Blue (83%)



- Red (90%)
- Yellow (69%)
- Blue (83%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.9510, 7.9122, 28.9840 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 195.9510, 7.9122, 28.9840 by changing the saturation by 10% instead.

195.9510, 7.9122,
28.9840

195.9510, 7.9122,
28.9840

255.0000, 0.0000,
0.0000

168.5380, 7.6228,
28.4692

241.4990, 6.6560,
11.8404

141.8260, 7.4808,
27.3396

116.1140, 7.3388,
26.2100

90.8150, 7.4862,
25.5952

66.8040, 7.4916,
23.8509

43.5050, 7.6390,
23.2361

21.2060, 7.7864,

22.6213

■ 9.0000, 3.4510,
13.1550

■ 0.0000, 0.0000,
0.0000

■ 195.9510, 7.9122,
28.9840

■ 195.9510, 7.9122,
28.9840

■ 181.6520, 11.5106,
41.5242

■ 210.2500, 4.3137,
16.4438

■ 167.2390, 14.6722,
54.1644

■ 224.6630, 1.1521,
3.8035

■ 152.9400, 18.2706,
66.7046

■ 238.9620, -2.4463,
-8.7367

■ 138.6410, 21.8690,
79.2448

■ 245.6300, -2.2826,
-14.5845

■ 124.2280, 25.0306,
91.8850

■ 246.5420, 1.2118,
-15.3843

■ 110.5160, 28.3396,
103.9105

■ 247.2260, 3.8326,
-15.9842

■ 96.2170, 31.9380,
116.4507

■ 86.2550, 34.3843,
125.1874

Harmonies

Analogous

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



194.5660, 18.4550, 7.3966



195.9510, 7.9122, 28.9840



195.2270, -4.0559, 41.0199

Triad

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



195.9510, 7.9122, 28.9840



189.8880, -23.6088, 12.3762



180.2240, 20.1026, -54.5704

Complementary

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



195.9510, 7.9122, 28.9840



209.0490, -7.9122, -28.9840

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.



180.7550, 8.0088, -48.8971



195.9510, 7.9122, 28.9840



186.9500, -17.7233, -8.7261

Square

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



195.9510, 7.9122, 28.9840



191.9380, -22.6474, 30.7494



183.4940, -6.1595, -31.1282



185.0820, 25.5956, -43.0449

Rectangle

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



195.9510, 7.9122, 28.9840



194.7620, -12.2077, 42.3047



183.4940, -6.1595, -31.1282



179.8990, 16.3188, -54.2854

Sweetspot

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



195.9510, 7.9122, 28.9840



243.7500, 2.5883, 9.8663



187.1250, 20.6444, 5.1524



121.0870, 1.4361, 6.0627



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.



195.9510, 7.9122, 28.9840



210.7010, 10.5004, 38.8502



192.9870, -3.4446, 31.5834



107.5000, 1.7255, 6.5775



67.3150, 26.4667, 97.9477



19.2390, 7.7702, 27.8544

Inverse Universe

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



195.9510, 7.9122, 28.9840



210.7010, 10.5004, 38.8502



212.0130, 3.4446, -31.5834



107.5000, 1.7255, 6.5775



67.3150, 26.4667, 97.9477



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 195.9510, 7.9122, 28.9840 looks on a white background.

Color Contrast Check

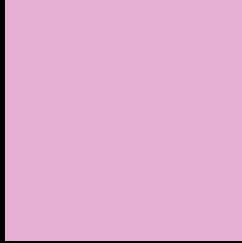
Large Text (above 18pt) WCAG AA × Fail

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 195.9510, 7.9122, 28.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

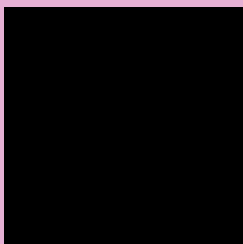
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.9510, 7.9122, 28.9840

Background



This preview shows how black text looks on a background with the YUV color 195.9510, 7.9122, 28.9840.



This preview shows how white text looks on a background with the YUV color 195.9510, 7.9122,

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

195.9510, 7.9122, 28.9840

Protanopia

192.3380, 14.1304, -5.5584

Deuteranopia

194.1070, 7.8352, 6.9222



Tritanopia

194.9480, -0.9604, 28.1096

Trichromacy



Original Color

195.9510, 7.9122, 28.9840

Protanomaly

193.8450, 11.9084, 7.1519

Deuteranomaly

194.8630, 7.9555, 15.0291

Tritanomaly

195.4580, 2.2392, 28.5393

Monochromacy



Original Color

195.9510, 7.9122, 28.9840

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.1630, 2.8776, 10.3810

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.9510, 7.9122, 28.9840 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(229, 176, 212)` looks like.

```
.text, #text, p{  
    color:rgb(229, 176, 212)  
}
```

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(229, 176, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 176, 212) }
```

Border

The CSS property to change the border of an element to YUV 195.9510, 7.9122, 28.9840 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(229, 176, 212) }
```


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

```
.border{ border-color:rgb(229, 176, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 176, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 176, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 176, 212);  
box-shadow:4px 4px 4px 4px rgb(229, 176,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 195.9510, 7.9122, 28.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 176, 212) }
```

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

```
.background{ background-color: rgb(229,  
176, 212) }
```

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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