

Converting Colors

YUV(190.9970, 18.2425,
28.9436)

Have a look what the booklet for
YUV(190.9970, 18.2425, 28.9436)
contains.

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Color

**YUV(190.9970, 18.2425,
28.9436)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A7E4
RGB	224, 167, 228
RGB Percent	88%, 65%, 89%
CMY	0.1216, 0.3451, 0.1059
CMYK	0.02, 0.27, 0.00, 0.11
HSL	296°, 53%, 77%
HSV	296°, 27%, 89%
XYZ	58.5628, 49.0862, 79.7868
YIQ	190.9970, 14.3910, 31.0550

Conversions

Conversions Part 2

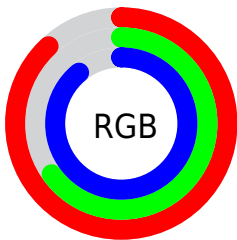
Format	Color
R_{YB}	224, 167, 228
Decimal	14723044
CIE _{Lab}	75.50, 31.05, -22.54
CIE _{LCh}	76, 38.369, 324.018
Yxy	49.0862, 0.3124, 0.2619
Android (android.graphics.Color)	4292913124 (0xFFE0A7E4)
YUV	190.9970, 18.2425, 28.9436
Hunter-Lab	70.0615, 26.5963, -18.4770

Details

The YUV color **190.9970, 18.2425, 28.9436** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **204.0030, -18.2425, -28.9436**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.2160, 9.2605, 16.4736**, and **136.7580, 17.3743, 27.3992** is the 20% darker color. If you saturate the color by 10%, you get **177.1970, 25.0459, 40.1692**, and if you desaturate by 10%, it is **204.7970, 11.4391, 17.7180**.

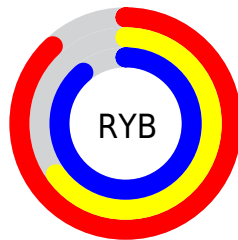
Distribution



Red (88%)

Green (65%)

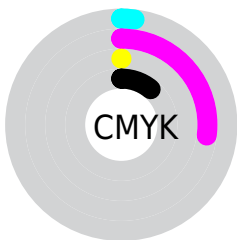
Blue (89%)



Red (88%)

Yellow (65%)

Blue (89%)

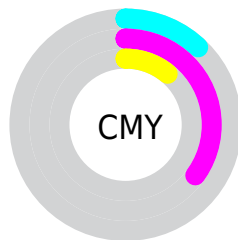


Cyan (2%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (12%)


Magenta (35%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.9970, 18.2425, 28.9436 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 190.9970, 18.2425, 28.9436 by changing the saturation by 10% instead.

 190.9970, 18.2425,
28.9436


 190.9970, 18.2425,
28.9436


255.0000, 0.0000,
0.0000


 163.5840, 17.9531,
28.4288


 236.2160, 9.2605,
16.4736


 136.7580, 17.3743,
27.3992

 252.6520, 1.1576,
2.0592

 111.0460, 17.2323,
26.2697

 86.2200, 16.6535,
25.2401

 61.5080, 16.5116,
24.1105

 38.0950, 16.2222,
23.5957

 18.0300, 14.7752,

21.0217

■ 6.9650, 9.8773,
5.2927

■ 0.0000, 0.0000,
0.0000

■ 190.9970, 18.2425,
28.9436

■ 190.9970, 18.2425,
28.9436

■ 177.1970, 25.0459,
40.1692

■ 204.7970, 11.4391,
17.7180

■ 163.0980, 31.9967,
50.7801

■ 218.8960, 4.4883,
7.1072

■ 149.8850, 38.5107,
61.4909

■ 232.1090, -2.0257,
-3.6036

■ 135.7860, 45.4615,
72.1017

■ 244.4470, -8.1084,
-12.6700

121.9860, 52.2649,
83.3273

244.7460, -8.2558,
-12.0552

107.8870, 59.2157,
93.9381

245.3440, -8.5506,
-10.8257

94.0870, 66.0191,
105.1637

245.6430, -8.6980,
-10.2109

89.6790, 68.1923,
108.1525

246.2410, -8.9928,
-8.9814

246.5400, -9.1402,
-8.3666

Harmonies

Analogous

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



187.3930, 30.8653, -6.4837



190.9970, 18.2425, 28.9436



190.3130, 2.3107, 52.3455

Triad

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



190.9970, 18.2425, 28.9436



183.9410, -33.9879, 28.1157



160.5780, 26.3370, -94.3459

Complementary

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



190.9970, 18.2425, 28.9436



204.0030, -18.2425, -28.9436

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.



168.6190, 4.1318, -65.4409



190.9970, 18.2425, 28.9436



181.0900, -30.1174, -0.0789

Square

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



190.9970, 18.2425, 28.9436



186.6800, -27.9432, 49.3926



175.8500, -16.1950, -32.3174



165.0210, 37.9506, -85.9644

Rectangle

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



190.9970, 18.2425, 28.9436



189.0720, -8.9095, 57.8189



175.8500, -16.1950, -32.3174



162.4990, 19.4740, -86.3836

Sweetspot

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



190.9970, 18.2425, 28.9436



242.9610, 5.9352, 9.6812



176.3020, 25.4871, -8.1579



120.0700, 3.9095, 6.0776



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.



190.9970, 18.2425, 28.9436



205.3710, 24.4671, 39.1396



189.2290, 6.2961, 34.0022



107.6570, 3.6201, 5.5628



70.3390, 53.5699, 84.7717



20.1660, 15.2012, 24.4104

Inverse Universe

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



185.6950, -7.2446, 37.1015



198.2020, -9.4666, 49.8118



205.7710, -6.2961, -34.0022



106.7020, -1.3321, 7.2773



54.8890, -21.1443, 108.8453



15.5910, -6.2074, 31.0537

Previews

White Background



This preview shows how the YUV color 190.9970, 18.2425, 28.9436 looks on a white background.

Color Contrast Check

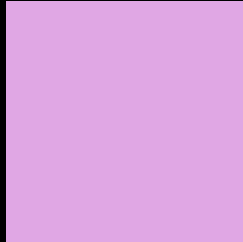
Large Text (above 18pt) WCAG AA × Fail

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 190.9970, 18.2425, 28.9436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

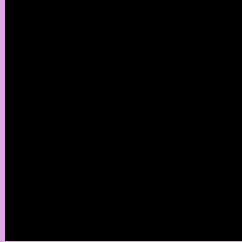
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.9970, 18.2425, 28.9436

Background



This preview shows how black text looks on a background with the YUV color 190.9970, 18.2425, 28.9436.



This preview shows how white text looks on a background with the YUV color 190.9970, 18.2425,

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

190.9970, 18.2425, 28.9436

Protanopia

186.7960, 26.2296, -12.9761

Deuteranopia

187.7990, 18.3401, -2.4547



Tritanopia

189.3390, -0.6601, 25.1357

Trichromacy



Original Color

190.9970, 18.2425, 28.9436



Protanomaly

188.4990, 23.4180, 2.1934



Deuteranomaly

189.1640, 18.1601, 8.6262



Tritanomaly

189.8860, 6.4652, 26.4100

Monochromacy



Original Color

190.9970, 18.2425, 28.9436



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

190.7870, 6.5140, 10.7108

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.9970, 18.2425, 28.9436 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(224, 167, 228)` looks like.

```
.text, #text, p{  
    color:rgb(224, 167, 228)  
}
```

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(224, 167, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 167, 228) }
```

Border

The CSS property to change the border of an element to YUV 190.9970, 18.2425, 28.9436 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(224, 167, 228) }
```


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

```
.border{ border-color:rgb(224, 167, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 167, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 167, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 167, 228);  
box-shadow:4px 4px 4px 4px rgb(224, 167,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 190.9970, 18.2425, 28.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 167, 228) }
```

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

```
.background{ background-color: rgb(224,  
167, 228) }
```

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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