Converting Colors

YUV(190.1420, 4.8600, 27.9395)

Have a look what the booklet for YUV(190.1420, 4.8600, 27.9395) contains.

YUV(190.1420, 4.8600, 27.9395) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

YUV(190.1420, 4.8600, 27.9395)

Conversions

Conversions Part 1

Format	Color
Hex	DEACC8
RGB	222, 172, 200
RGB Percent	87%, 67%, 78%
CMY	0.1294, 0.3255, 0.2157
CMYK	0.00, 0.23, 0.10, 0.13
HSL	326°, 43%, 77%
HSV	326°, 23%, 87%
XYZ	55.3021, 49.2048, 61.2263
YIQ	190.1420, 20.8120, 19.3080

Conversions

Conversions Part 2

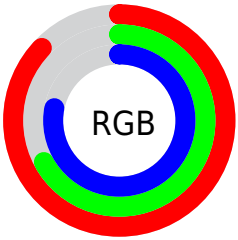
Format	Color
RYB	222, 172, 200
Decimal	14593224
CIELab	75.58, 22.68, -7.18
CIELCh	76, 23.793, 342.426
Yxy	49.2048, 0.3337, 0.2969
Android (android.graphics.Color)	4292783304 (0xFFDEACC8)
YUV	190.1420, 4.8600, 27.9395
Hunter-Lab	70.1461, 17.9708, -2.6484

Details

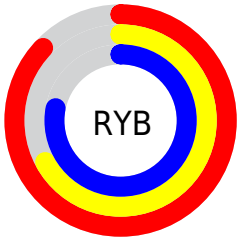
The YUV color 190.1420, 4.8600, 27.9395 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 203.8580, -4.8600, -27.9395, and the grayscale version is 190.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 239.1510, 7.8136, 13.8996, and 136.1310, 4.8654, 26.1951 is the 20% darker color. If you saturate the color by 10%, you get 176.0880, 6.8586, 40.2648, and if you desaturate by 10%, it is 204.1960, 2.8614, 15.6141.

Distribution

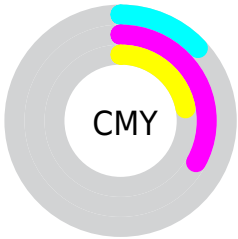


- Red (87%)
- Green (67%)
- Blue (78%)



- Red (87%)
- Yellow (67%)
- Blue (78%)

- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.1420, 4.8600, 27.9395 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 190.1420, 4.8600, 27.9395 by changing the saturation by 10% instead.

190.1420, 4.8600, 27.9395

255.0000, 0.0000, 0.0000

239.1510, 7.8136, 13.8996

190.1420, 4.8600, 27.9395

162.8430, 5.0074, 27.3247

136.1310, 4.8654, 26.1951

110.7180, 4.5760, 25.6803

86.1200, 4.8708, 24.4508

62.1090, 4.8763, 22.7064

39.3970, 4.7343, 21.5768

17.0380, 5.8973,

21.8917

2.6910, -1.3267, 5.5330

0.0000, 0.0000, 0.0000

190.1420, 4.8600, 27.9395

190.1420, 4.8600, 27.9395

176.0880, 6.8586, 40.2648

204.1960, 2.8614, 15.6141

162.0340, 8.8572, 52.5902

218.2500, 0.8628, 3.2887

147.5070, 11.5820, 65.3304

232.7770, -1.8621, -9.4514

133.4530, 13.5807, 77.6557

243.3090, -2.1243, -18.6880

119.3990, 15.5793, 89.9811

105.3450, 17.5779, 102.3064

91.4050, 20.0133, 114.5318

80.5140, 21.4386, 124.0832

244.4490, 2.2436, -19.6878

245.1330, 4.8644, -20.2876

Harmonies

Analogous

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

189.5510, 14.5184, 10.0408

190.1420, 4.8600, 27.9395

189.7380, -5.7868, 36.1868

Triad

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

190.1420, 4.8600, 27.9395

184.3650, -20.3929, 7.5729

177.8230, 18.3283, -45.4488

Complementary

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

190.1420, 4.8600, 27.9395

203.8580, -4.8600, -27.9395

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.

177.0160, 8.8661, -43.8640

190.1420, 4.8600, 27.9395

181.8510, -14.2235, -11.2703

Square

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

190.1420, 4.8600, 27.9395

186.1760, -20.2998, 24.4016

178.8900, -3.3968, -30.5985

181.6380, 22.3635, -33.0085

Rectangle

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

190.1420, 4.8600, 27.9395

188.4300, -12.0440, 36.4569

178.8900, -3.3968, -30.5985

177.1280, 15.7129, -46.5933

Sweetspot

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

190.1420, 4.8600, 27.9395

243.5220, 1.7147, 10.0662

184.2780, 18.5969, 8.5262

120.9730, 0.9993, 6.1627

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.

190.1420, 4.8600, 27.9395

211.0770, 6.8640, 38.5205

187.2920, -6.0600, 30.4389

104.9730, 0.9993, 6.1627

63.9100, 17.2994, 98.3029

17.4300, 4.7180, 26.8099

Inverse Universe

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

190.1420, 4.8600, 27.9395

211.0770, 6.8640, 38.5205

206.7080, 6.0600, -30.4389

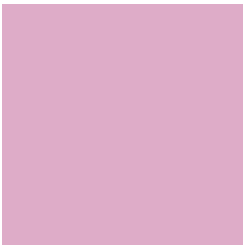
104.9730, 0.9993, 6.1627

63.9100, 17.2994, 98.3029

17.4300, 4.7180, 26.8099

Previews

White Background

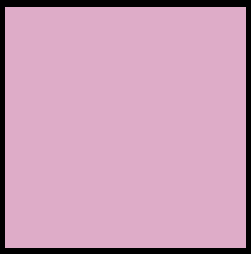


This preview shows how the YUV color 190.1420, 4.8600, 27.9395 looks on a white background.

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



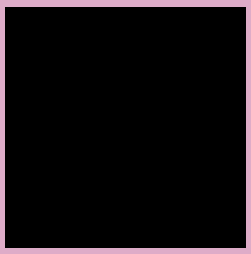
This preview shows how the YUV color 190.1420, 4.8600, 27.9395 looks on a black background.

Color Contrast Check

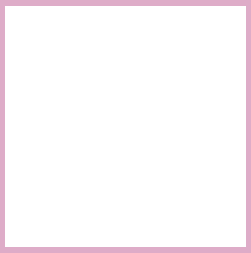
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 190.1420, 4.8600, 27.9395 Background



This preview shows how black text looks on a background with the YUV color 190.1420, 4.8600, 27.9395.



This preview shows how white text looks on a background with the YUV color 190.1420, 4.8600,

27.9395.

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

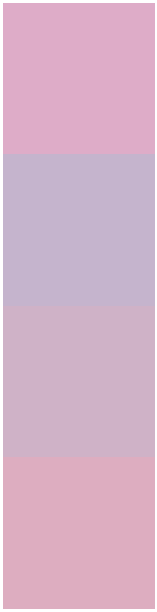
Original Color
190.1420, 4.8600, 27.9395

Protanopia
187.0240, 10.3412, -3.5290

Deuteranopia
188.3200, 4.7722, 9.3664

Tritanopia
189.3500, -0.6656, 26.8800

Trichromacy



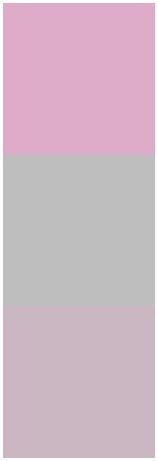
Original Color
190.1420, 4.8600, 27.9395

Protanomaly
187.9330, 8.4140, 7.9518

Deuteranomaly
189.0650, 4.8980, 15.7290

Tritanomaly
189.5180, 1.2236, 27.6097

Monochromacy



Original Color
190.1420, 4.8600, 27.9395

Achromatopsia
190.0000, 0.0000, 0.0000

Achromatomaly
189.9350, 2.0040, 10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.1420, 4.8600, 27.9395 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(222, 172, 200) looks like.

```
.text, #text, p{
    color:rgb(222, 172, 200)
}
```

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(222, 172, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 172, 200) }
```

Border

The CSS property to change the border of an element to YUV 190.1420, 4.8600, 27.9395 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(222, 172, 200) }
```

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

```
.border{ border-color:rgb(222, 172, 200) }
```

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

Here you see how a box with a 4 pixel rgb(222, 172, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 172, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 172, 200); box-shadow:4px 4px 4px 4px rgb(222, 172, 200) }
```

Background

The CSS property to change the background color of an element to YUV 190.1420, 4.8600, 27.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(222, 172, 200) }
```

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

```
.background{ background-color:rgb(222,
172, 200) }
```

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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