

Converting Colors

YUV(184.9690, 20.7213,
27.2142)

Have a look what the booklet for
YUV(184.9690, 20.7213, 27.2142)
contains.

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Color

**YUV(184.9690, 20.7213,
27.2142)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A1E3
RGB	216, 161, 227
RGB Percent	85%, 63%, 89%
CMY	0.1529, 0.3686, 0.1098
CMYK	0.05, 0.29, 0.00, 0.11
HSL	290°, 54%, 76%
HSV	290°, 29%, 89%
XYZ	54.9289, 45.6347, 78.5864
YIQ	184.9690, 11.5940, 32.1860

Conversions

Conversions Part 2

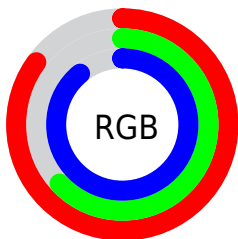
Format	Color
R _Y B	216, 161, 227
Decimal	14197219
CIE Lab	73.31, 31.53, -25.42
CIE LCh	73, 40.502, 321.120
Yxy	45.6347, 0.3066, 0.2547
Android (android.graphics.Color)	4292387299 (0xFFD8A1E3)
YUV	184.9690, 20.7213, 27.2142
Hunter-Lab	67.5535, 26.9229, -21.6859

Details

The YUV color **184.9690, 20.7213, 27.2142** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **203.0310, -20.7213, -27.2142**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1070, 11.2862, 20.0772**, and **131.3170, 19.5637, 25.1550** is the 20% darker color. If you saturate the color by 10%, you get **170.2720, 27.9669, 36.5955**, and if you desaturate by 10%, it is **199.6660, 13.4757, 17.8329**.

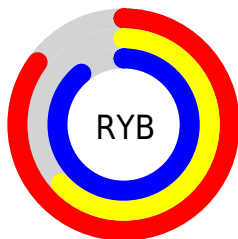
Distribution



Red (85%)

Green (63%)

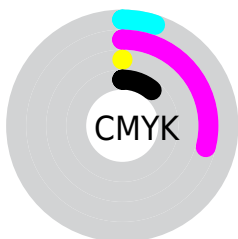
Blue (89%)



Red (85%)

Yellow (63%)

Blue (89%)

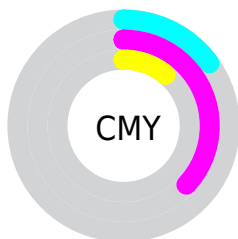


Cyan (5%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (15%)


Magenta (37%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 184.9690, 20.7213, 27.2142 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 184.9690, 20.7213, 27.2142 by changing the saturation by 10% instead.


 184.9690, 20.7213,
27.2142


 184.9690, 20.7213,
27.2142


255.0000, 0.0000,
0.0000


 157.5560, 20.4319,
26.6994


 232.1070, 11.2862,
20.0772


 131.3170, 19.5637,
25.1550

 249.1300, 2.8939,
5.1480

 105.9040, 19.2743,
24.6402

 81.0780, 18.6955,
23.6106

 56.3660, 18.5536,
22.4810

 32.3660, 18.5536,
22.4810

 16.2360, 15.6597,

17.3330

■ 2.9640, 11.3567,
-2.5994

■ 0.0000, 0.0000,
0.0000

■ 184.9690, 20.7213,
27.2142

■ 184.9690, 20.7213,
27.2142

■ 170.2720, 27.9669,
36.5955

■ 199.6660, 13.4757,
17.8329

■ 156.1620, 34.9231,
45.4619

■ 213.7760, 6.5194,
8.9664

■ 141.7640, 42.0213,
55.4580

■ 228.1740, -0.5788,
-1.0296

■ 127.0670, 49.2670,
64.8392

■ 242.8710, -7.8244,
-10.4109

■ 112.9570, 56.2232,
73.7057

■ 245.8280, -9.2822,
-9.4962

■ 98.2600, 63.4688,
83.0870

■ 247.0240, -9.8718,
-7.0370

■ 83.8620, 70.5670,
93.0830

■ 247.9210,
-10.3141, -5.1927

■ 82.3890, 71.2932,
93.4978

■ 249.1170,
-10.9037, -2.7336

■ 250.3130,
-11.4933, -0.2745

Harmonies

Analogous

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



180.7560, 33.6443, -11.1870



184.9690, 20.7213, 27.2142



184.4810, 4.1999, 53.0752

Triad

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



184.9690, 20.7213, 27.2142



178.2080, -35.5985, 31.3896



144.9560, 29.6017, -114.8484

Complementary

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



184.9690, 20.7213, 27.2142



203.0310, -20.7213, -27.2142

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.



161.2660, 2.8269, -66.8853



184.9690, 20.7213, 27.2142



174.8300, -32.4542, 2.7801

Square

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



184.9690, 20.7213, 27.2142



180.7020, -27.9541, 52.8813



169.8780, -18.6739, -30.5880



149.8440, 42.9679, -108.6112

Rectangle

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



184.9690, 20.7213, 27.2142



183.0230, -7.8993, 60.4928



169.8780, -18.6739, -30.5880



152.5580, 19.9379, -95.2054

Sweetspot

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



184.9690, 20.7213, 27.2142



240.3030, 7.2456, 9.3813



174.9810, 25.6454, -12.2613



118.2980, 4.7831, 5.8777



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.



184.9690, 20.7213, 27.2142



198.2720, 27.9669, 36.5955



185.7500, 9.4902, 36.1763



107.3580, 3.7675, 4.9480



64.9570, 56.2232, 73.7057



18.6710, 15.9382, 21.3365

Inverse Universe

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



181.9880, -4.9241, 39.4755



194.3210, -6.5673, 53.2155



202.2500, -9.4902, -36.1762



106.8160, -0.8953, 7.1774



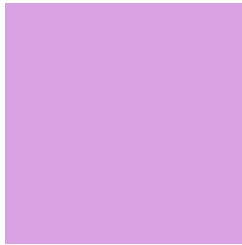
56.9410, -13.2819, 107.0457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 184.9690, 20.7213, 27.2142 looks on a white background.

Color Contrast Check

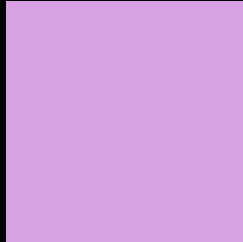
Large Text (above 18pt) WCAG AA × Fail

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 184.9690, 20.7213, 27.2142 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 184.9690, 20.7213, 27.2142

Background



This preview shows how black text looks on a background with the YUV color 184.9690, 20.7213, 27.2142.



This preview shows how white text looks on a background with the YUV color 184.9690, 20.7213,

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

184.9690, 20.7213, 27.2142

Protanopia

180.4690, 28.8558, -15.3203

Deuteranopia

181.7600, 20.8243, -5.9285



Tritanopia

183.4420, -0.2179, 23.2914

Trichromacy



Original Color

184.9690, 20.7213, 27.2142



Protanomaly

182.1720, 26.0442, -0.1508



Deuteranomaly

182.8370, 20.7864, 6.2820



Tritanomaly

184.1030, 7.3442, 24.4657

Monochromacy



Original Color

184.9690, 20.7213, 27.2142



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.7160, 7.5350, 9.8961

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.9690, 20.7213, 27.2142 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(216, 161, 227)` looks like.

```
.text, #text, p{  
    color:rgb(216, 161, 227)  
}
```

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(216, 161, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 161, 227) }
```

Border

The CSS property to change the border of an element to YUV 184.9690, 20.7213, 27.2142 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(216, 161, 227) }
```


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

```
.border{ border-color:rgb(216, 161, 227) }
```

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

Here you see how a box with a 4 pixel rgb(216, 161, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 161, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 161, 227);  
box-shadow:4px 4px 4px 4px rgb(216, 161,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 184.9690, 20.7213, 27.2142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 161, 227) }
```

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

```
.background{ background-color: rgb(216,  
161, 227) }
```

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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