

Converting Colors

YUV(216.1890, 10.2598,
22.6362)

Have a look what the booklet for
YUV(216.1890, 10.2598, 22.6362)
contains.

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Color

**YUV(216.1890, 10.2598,
22.6362)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C7ED
RGB	242, 199, 237
RGB Percent	95%, 78%, 93%
CMY	0.0510, 0.2196, 0.0706
CMYK	0.00, 0.18, 0.02, 0.05
HSL	307°, 62%, 86%
HSV	307°, 18%, 95%
XYZ	72.3274, 65.8385, 89.0168
YIQ	216.1890, 13.4300, 20.9340

Conversions

Conversions Part 2

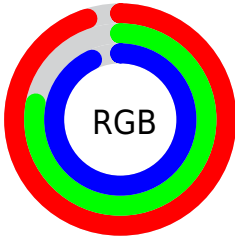
Format	Color
R _Y B	242, 199, 237
Decimal	15910893
CIE _{Lab}	84.91, 21.51, -13.02
CIE _{LCh}	85, 25.144, 328.810
Yxy	65.8385, 0.3184, 0.2898
Android (android.graphics.Color)	4294100973 (0xFFFF2C7ED)
YUV	216.1890, 10.2598, 22.6362
Hunter-Lab	81.1409, 17.1147, -8.2463

Details

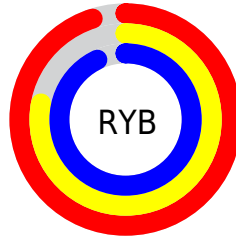
The YUV color $216.1890, 10.2598, 22.6362$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $224.8110, -10.2598, -22.6362$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.3630, 9.6810, 21.6066$ is the 20% darker color. If you saturate the color by 10%, you get $201.7590, 15.8948, 35.2914$, and if you desaturate by 10%, it is $230.6190, 4.6248, 9.9811$.

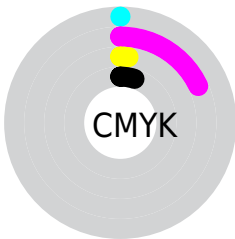
Distribution



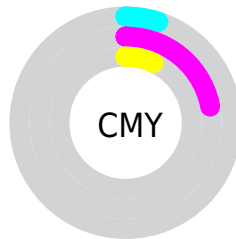
- Red (95%)
- Green (78%)
- Blue (93%)



- Red (95%)
- Yellow (78%)
- Blue (93%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.1890, 10.2598, 22.6362 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 216.1890, 10.2598, 22.6362 by changing the saturation by 10% instead.


 216.1890, 10.2598,
22.6362

 216.1890, 10.2598,
22.6362

255.0000, 0.0000,
0.0000


 188.4770, 10.1178,
21.5067

 161.3630, 9.6810,
21.6066

 134.6510, 9.5391,
20.4771

 109.2380, 9.2497,
19.9623

 84.5260, 9.1077,
18.8327

 61.1130, 8.8183,
18.3179

 38.4010, 8.6763,

17.1883

■ 15.9280, 9.4025,
17.6031

■ 1.1400, 4.3680,
-0.9998

■ 216.1890, 10.2598,
22.6362

■ 216.1890, 10.2598,
22.6362

■ 201.7590, 15.8948,
35.2914

■ 230.6190, 4.6248,
9.9811

■ 187.3290, 21.5298,
47.9465

■ 245.0490, -1.0102,
-2.6740

■ 172.4260, 27.8910,
61.0164

■ 249.9730, -2.4517,
-6.9923

■ 157.9960, 33.5260,
73.6715

■ 250.3150, -1.1413,
-7.2923

■ 143.5660, 39.1610,
86.3266

■ 250.6570, 0.1691,
-7.5922

■ 129.1360, 44.7960,
98.9817

■ 250.9990, 1.4795,
-7.8921

■ 114.7060, 50.4309,
111.6368

■ 251.1130, 1.9163,
-7.9921

■ 99.6890, 56.3553,
124.8067

■ 96.7540, 57.8023,
127.3807

Harmonies

Analogous

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



214.1630, 19.6396, 0.7340



216.1890, 10.2598, 22.6362



215.1060, -0.5453, 34.9870

Triad

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



216.1890, 10.2598, 22.6362



211.1490, -22.7515, 17.4093



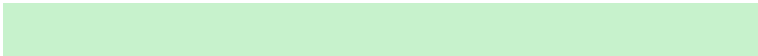
202.4050, 15.5763, -49.4672

Complementary

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



216.1890, 10.2598, 22.6362



224.8110, -10.2598, -22.6362

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.



202.9470, 3.4771, -42.0495



216.1890, 10.2598, 22.6362



208.6410, -19.0500, -3.1932

Square

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



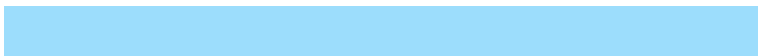
216.1890, 10.2598, 22.6362



213.2310, -20.3269, 33.1234



205.4410, -9.0914, -24.0658



205.0990, 23.1222, -43.0598

Rectangle

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



216.1890, 10.2598, 22.6362



213.8690, -7.8234, 36.0719



205.4410, -9.0914, -24.0658



202.3790, 11.6452, -48.5674

Sweetspot

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



216.1890, 10.2598, 22.6362



247.2550, 3.3253, 6.7924



205.0980, 18.1927, -1.8399



123.1900, 1.8783, 4.2184



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.



216.1890, 10.2598, 22.6362



222.6180, 13.0063, 28.3990



213.7950, 1.0871, 24.7358



112.7280, 2.5991, 6.3775



73.4840, 43.6384, 96.9225



22.4440, 13.5851, 29.4286

Inverse Universe

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



216.1890, 10.2598, 22.6362



222.6180, 13.0063, 28.3990



227.2050, -1.0871, -24.7358



112.7280, 2.5991, 6.3775



73.4840, 43.6384, 96.9225



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 216.1890, 10.2598, 22.6362 looks on a white background.

Color Contrast Check

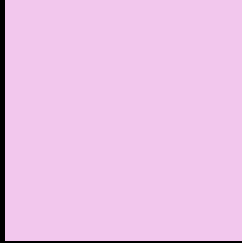
Large Text (above 18pt) WCAG AA × Fail

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 216.1890, 10.2598, 22.6362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

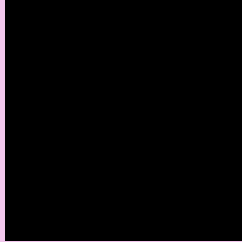
Any Text WCAG AA ✓ Pass

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 216.1890, 10.2598, 22.6362 Background



This preview shows how black text looks on a background with the YUV color 216.1890, 10.2598, 22.6362.



This preview shows how white text looks on a background with the YUV color 216.1890, 10.2598,

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

216.1890, 10.2598, 22.6362

Protanopia

213.2670, 15.1514, -6.3732

Deuteranopia

214.7910, 10.4560, 6.3223



Tritanopia

214.8870, 1.5347, 21.1471

Trichromacy



Original Color

216.1890, 10.2598, 22.6362

Protanomaly

214.4640, 13.0822, 3.9781

Deuteranomaly

215.1230, 10.2924, 12.1701

Tritanomaly

215.3970, 4.7343, 21.5768

Monochromacy



Original Color

216.1890, 10.2598, 22.6362

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0810, 3.9041, 7.8220

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.1890, 10.2598, 22.6362 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(242, 199, 237)` looks like.

```
.text, #text, p{  
    color:rgb(242, 199, 237)  
}
```

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(242, 199, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 199, 237) }
```

Border

The CSS property to change the border of an element to YUV 216.1890, 10.2598, 22.6362 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(242, 199, 237) }
```


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

```
.border{ border-color:rgb(242, 199, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 199, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 199, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 199, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 199,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 216.1890, 10.2598, 22.6362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 199, 237) }
```

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

```
.background{ background-color: rgb(242,  
199, 237) }
```

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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