

Converting Colors

YUV(206.2210, 11.7230,
19.9772)

Have a look what the booklet for
YUV(206.2210, 11.7230, 19.9772)
contains.

YUV(206.2210, 11.7230, 19.9772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(206.2210, 11.7230,
19.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BEE6
RGB	229, 190, 230
RGB Percent	90%, 75%, 90%
CMY	0.1020, 0.2549, 0.0980
CMYK	0.00, 0.17, 0.00, 0.10
HSL	298°, 44%, 82%
HSV	298°, 17%, 90%
XYZ	65.0095, 59.1981, 82.8629
YIQ	206.2210, 10.4040, 20.7080

Conversions

Conversions Part 2

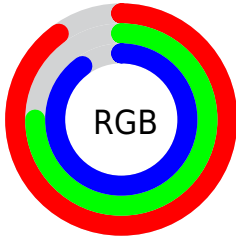
Format	Color
R_{YB}	229, 190, 230
Decimal	15056614
CIE _{Lab}	81.40, 20.71, -14.67
CIE _{LCh}	81, 25.376, 324.692
Yxy	59.1981, 0.3139, 0.2859
Android (android.graphics.Color)	4293246694 (0xFFE5BEE6)
YUV	206.2210, 11.7230, 19.9772
Hunter-Lab	76.9403, 16.1752, -9.9957

Details

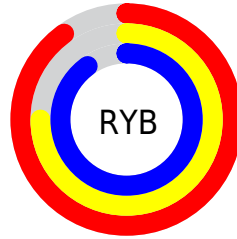
The YUV color $206.2210, 11.7230, 19.9772$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $213.7790, -11.7230, -19.9772$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.6045, 4.6332$, and $151.3950, 11.1443, 18.9476$ is the 20% darker color. If you saturate the color by 10%, you get $192.4210, 18.5264, 31.2028$, and if you desaturate by 10%, it is $220.0210, 4.9196, 8.7516$.

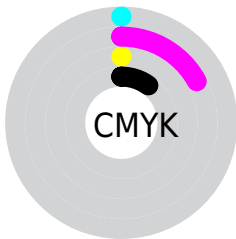
Distribution



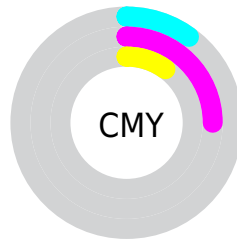
- Red (90%)
- Green (75%)
- Blue (90%)



- Red (90%)
- Yellow (75%)
- Blue (90%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 206.2210, 11.7230, 19.9772 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 206.2210, 11.7230, 19.9772 by changing the saturation by 10% instead.


 206.2210, 11.7230,
19.9772


 206.2210, 11.7230,
19.9772


255.0000, 0.0000,
0.0000


 178.8080, 11.4337,
19.4624


 249.7170, 2.6045,
4.6332

 151.3950, 11.1443,
18.9476

 125.6830, 11.0023,
17.8180

 100.2700, 10.7129,
17.3032

 76.4440, 10.1341,
16.2736

 53.0310, 9.8447,
15.7588

 31.3190, 9.7027,

14.6292

■ 12.3900, 8.6817,
15.4440

■ 0.0000, 0.0000,
0.0000

■ 206.2210, 11.7230,
19.9772

■ 206.2210, 11.7230,
19.9772

■ 192.4210, 18.5264,
31.2028

■ 220.0210, 4.9196,
8.7516

■ 178.9200, 25.1824,
43.0432

■ 233.5220, -1.7363,
-3.0888

■ 165.1200, 31.9858,
54.2688

■ 244.9740, -7.3822,
-12.2552

■ 151.6190, 38.6418,
66.1091

■ 245.2730, -7.5296,
-11.6404

■ 137.8190, 45.4452,
77.3347

■ 245.5720, -7.6770,
-11.0256

■ 124.3180, 52.1012,
89.1751

■ 245.8710, -7.8244,
-10.4109

■ 110.5180, 58.9046,
100.4007

■ 96.7180, 65.7080,
111.6263

■ 93.1960, 67.4444,
114.7151

Harmonies

Analogous

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



204.2550, 20.0873, -2.8546



206.2210, 11.7230, 19.9772



206.6330, 0.1809, 35.4019

Triad

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



206.2210, 11.7230, 19.9772



201.4590, -22.9043, 19.7685



191.7640, 14.4133, -49.7820

Complementary

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



206.2210, 11.7230, 19.9772



213.7790, -11.7230, -19.9772

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.



193.5020, 1.7245, -39.9053



206.2210, 11.7230, 19.9772



199.1360, -19.7870, -0.1193

Square

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



206.2210, 11.7230, 19.9772



204.0570, -19.7481, 34.1530



196.2950, -10.9914, -21.3067



194.5610, 22.4014, -45.2190

Rectangle

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



206.2210, 11.7230, 19.9772



205.4180, -7.1081, 39.9754



196.2950, -10.9914, -21.3067



192.0370, 10.3348, -48.2674

Sweetspot

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



206.2210, 11.7230, 19.9772



247.3690, 3.7621, 6.6924



195.1470, 17.1825, -4.5139



123.0050, 2.4625, 3.5036



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.



206.2210, 11.7230, 19.9772



223.0030, 15.7745, 27.1844



204.3540, 3.2765, 22.4915



107.6570, 3.6201, 5.5628



72.4320, 52.5380, 89.0751



20.7640, 14.9063, 25.6400

Inverse Universe

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



202.0740, -5.4595, 24.4911



217.3740, -7.0864, 32.9980



215.6460, -3.2765, -22.4915



106.7020, -1.3321, 7.2773



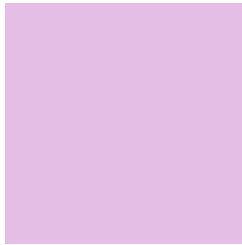
53.9770, -24.6387, 109.6452



15.3630, -7.0810, 31.2536

Previews

White Background



This preview shows how the YUV color 206.2210, 11.7230, 19.9772 looks on a white background.

Color Contrast Check

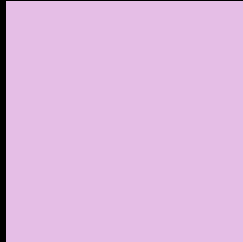
Large Text (above 18pt) WCAG AA × Fail

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 206.2210, 11.7230, 19.9772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

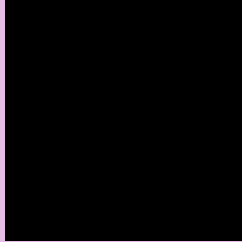
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.2210, 11.7230, 19.9772

Background



This preview shows how black text looks on a background with the YUV color 206.2210, 11.7230, 19.9772.



This preview shows how white text looks on a background with the YUV color 206.2210, 11.7230,

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

206.2210, 11.7230, 19.9772

Protanopia

203.3100, 16.6092, -7.2879

Deuteranopia

204.5350, 12.0612, 4.7928



Tritanopia

205.2780, 1.8349, 18.1732

Trichromacy



Original Color

206.2210, 11.7230, 19.9772

Protanomaly

204.2080, 14.6875, 2.4486

Deuteranomaly

204.8670, 11.8976, 10.6406

Tritanomaly

205.9020, 5.4713, 18.5029

Monochromacy



Original Color

206.2210, 11.7230, 19.9772

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.2210, 11.7230, 19.9772 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, 190, 230)` looks like.

```
.text, #text, p{  
    color:rgb(229, 190, 230)  
}
```

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, 190, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 190, 230) }
```

Border

The CSS property to change the border of an element to YUV 206.2210, 11.7230, 19.9772 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, 190, 230) }
```


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

```
.border{ border-color:rgb(229, 190, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 190, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 190, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 190, 230);  
box-shadow:4px 4px 4px 4px rgb(229, 190,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 206.2210, 11.7230, 19.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 190, 230) }
```

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

```
.background{ background-color: rgb(229,  
190, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor