

Converting Colors

YUV(206.9130, 5.4659, 20.2473)

Have a look what the booklet for
YUV(206.9130, 5.4659, 20.2473)
contains.

YUV(206.9130, 5.4659, 20.2473)	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(206.9130, 5.4659,
20.2473)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C1DA
RGB	230, 193, 218
RGB Percent	90%, 76%, 85%
CMY	0.0980, 0.2431, 0.1451
CMYK	0.00, 0.16, 0.05, 0.10
HSL	319°, 43%, 83%
HSV	319°, 16%, 90%
XYZ	64.3580, 60.0249, 74.5236
YIQ	206.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

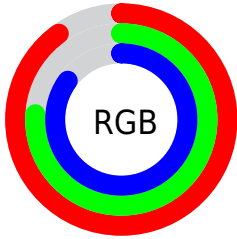
Format	Color
R_{YB}	230, 193, 218
Decimal	15122906
CIE _{Lab}	81.85, 17.29, -7.55
CIE _{LCh}	82, 18.861, 336.420
Yxy	60.0249, 0.3236, 0.3018
Android (android.graphics.Color)	4293312986 (0xFFE6C1DA)
YUV	206.9130, 5.4659, 20.2473
Hunter-Lab	77.4757, 12.6949, -2.7978

Details

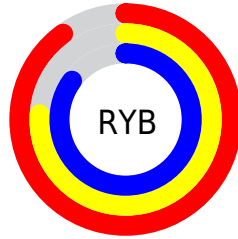
The YUV color $206.9130, 5.4659, 20.2473$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $216.0870, -5.4659, -20.2473$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0650, 1.4470, 2.5740$, and $152.2010, 5.3239, 19.1177$ is the 20% darker color. If you saturate the color by 10%, you get $192.6140, 9.0643, 32.7875$, and if you desaturate by 10%, it is $221.2120, 1.8675, 7.7071$.

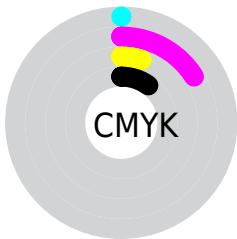
Distribution



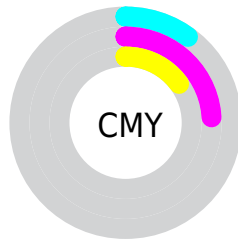
- Red (90%)
- Green (76%)
- Blue (85%)



- Red (90%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (10%)




- Cyan (10%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.9130, 5.4659, 20.2473 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 206.9130, 5.4659, 20.2473 by changing the saturation by 10% instead.


 206.9130, 5.4659,
20.2473


 206.9130, 5.4659,
20.2473


255.0000, 0.0000,
0.0000

 179.5000, 5.1765,
19.7325

 252.0650, 1.4470,
2.5740

 152.2010, 5.3239,
19.1177

 126.4890, 5.1819,
17.9881

 101.0760, 4.8925,
17.4733

 76.7770, 5.0399,
16.8586

 54.0650, 4.8980,
15.7290

 32.3530, 4.7560,

14.5994

■ 11.4780, 5.1873,
16.2438

■ 0.0000, 0.0000,
0.0000

■ 206.9130, 5.4659,
20.2473

■ 206.9130, 5.4659,
20.2473

■ 192.6140, 9.0643,
32.7875

■ 221.2120, 1.8675,
7.7071

■ 178.2010, 12.2259,
45.4277

■ 235.6250, -1.2941,
-4.9331

■ 163.9020, 15.8243,
57.9679

■ 245.8150, -2.8668,
-13.8698

■ 149.4890, 18.9859,
70.6081

■ 246.7270, 0.6276,
-14.6696

■ 135.1900, 22.5843,
83.1484

■ 247.5250, 3.6852,
-15.3694

■ 120.7770, 25.7459,
95.7886

■ 106.4780, 29.3443,
108.3288

■ 92.0650, 32.5060,
120.9690

■ 86.4400, 33.8001,
125.9021

Harmonies

Analogous

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



206.0620, 12.7874, 5.2076



206.9130, 5.4659, 20.2473



206.6770, -3.2918, 29.2243

Triad

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



206.9130, 5.4659, 20.2473



202.2990, -16.9094, 10.2618



197.5100, 13.0596, -35.5273

Complementary

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



206.9130, 5.4659, 20.2473



216.0870, -5.4659, -20.2473

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.



197.0560, 4.9024, -32.4981



206.9130, 5.4659, 20.2473



200.6390, -12.6400, -5.8224

Square

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



206.9130, 5.4659, 20.2473



204.6040, -16.0738, 22.2723



198.6030, -4.7343, -21.5768



199.7050, 17.4004, -27.8053

Rectangle

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



206.9130, 5.4659, 20.2473



206.3090, -8.5333, 30.4240



198.6030, -4.7343, -21.5768



196.9400, 10.8756, -35.0274

Sweetspot

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



206.9130, 5.4659, 20.2473



246.9130, 2.0149, 7.0923



200.8060, 14.3926, 3.6781



122.9620, 1.0047, 4.4183



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.



206.9130, 5.4659, 20.2473



225.0000, 6.9020, 26.3100



204.8610, -2.3965, 22.0469



107.5000, 1.7255, 6.5775



67.3150, 26.4667, 97.9477



19.1250, 7.3334, 27.9544

Inverse Universe

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



206.9130, 5.4659, 20.2473



225.0000, 6.9020, 26.3100



218.1390, 2.3965, -22.0469



107.5000, 1.7255, 6.5775



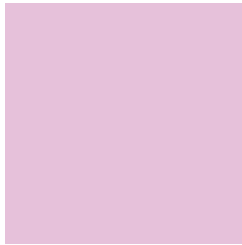
67.3150, 26.4667, 97.9477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 206.9130, 5.4659, 20.2473 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 206.9130, 5.4659, 20.2473 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 206.9130, 5.4659, 20.2473

Background



This preview shows how black text looks on a background with the YUV color 206.9130, 5.4659, 20.2473.



This preview shows how white text looks on a background with the YUV color 206.9130, 5.4659,

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

206.9130, 5.4659, 20.2473

Protanopia

204.2090, 9.7570, -2.8143

Deuteranopia

205.8470, 5.4984, 9.7812



Tritanopia

206.2890, 1.8295, 19.9175

Trichromacy



Original Color

206.9130, 5.4659, 20.2473

Protanomaly

205.5090, 8.1301, 5.6926

Deuteranomaly

206.1680, 5.3402, 13.8847

Tritanomaly

206.6310, 3.1399, 19.6176

Monochromacy



Original Color

206.9130, 5.4659, 20.2473

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.9130, 5.4659, 20.2473 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(230, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(230, 193, 218)  
}
```

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(230, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 193, 218) }
```

Border

The CSS property to change the border of an element to YUV 206.9130, 5.4659, 20.2473 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(230, 193, 218) }
```


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

```
.border{ border-color:rgb(230, 193, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 193, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 193, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 193, 218);  
box-shadow:4px 4px 4px 4px rgb(230, 193,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 206.9130, 5.4659, 20.2473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 193, 218) }
```

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

```
.background{ background-color: rgb(230,  
193, 218) }
```

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