

Converting Colors

YUV(201.7830, 6.0230, 28.2543)

Have a look what the booklet for
YUV(201.7830, 6.0230, 28.2543)
contains.

YUV(201.7830, 6.0230, 28.2543)	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(201.7830, 6.0230,
28.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB7D6
RGB	234, 183, 214
RGB Percent	92%, 72%, 84%
CMY	0.0824, 0.2824, 0.1608
CMYK	0.00, 0.22, 0.09, 0.08
HSL	324°, 55%, 82%
HSV	324°, 22%, 92%
XYZ	63.0028, 56.2144, 71.1482
YIQ	201.7830, 20.4450, 20.4530

Conversions

Conversions Part 2

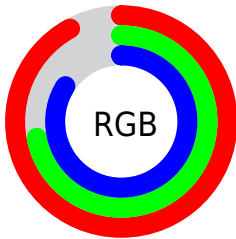
Format	Color
R_{YB}	234, 183, 214
Decimal	15382486
CIE _{Lab}	79.74, 23.30, -8.49
CIE _{LCh}	80, 24.802, 339.980
Yxy	56.2144, 0.3310, 0.2953
Android (android.graphics.Color)	4293572566 (0xFFEAB7D6)
YUV	201.7830, 6.0230, 28.2543
Hunter-Lab	74.9763, 18.7855, -3.7794

Details

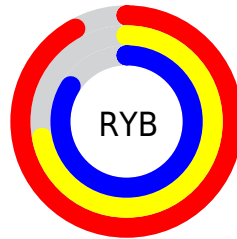
The YUV color $201.7830, 6.0230, 28.2543$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $215.2170, -6.0230, -28.2543$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6080, 4.6303, 8.2368$, and $147.6580, 5.5916, 26.6099$ is the 20% darker color. If you saturate the color by 10%, you get $187.2560, 8.7478, 40.9945$, and if you desaturate by 10%, it is $216.3100, 3.2982, 15.5141$.

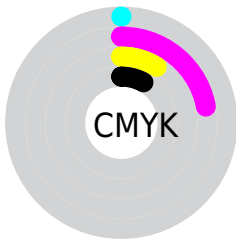
Distribution



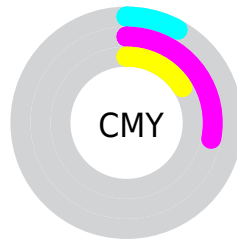
- Red (92%)
- Green (72%)
- Blue (84%)



- Red (92%)
- Yellow (72%)
- Blue (84%)



- Cyan (0%)
- Magenta (22%)
- Yellow (9%)
- Black (8%)





- Cyan (8%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 201.7830, 6.0230, 28.2543 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 201.7830, 6.0230, 28.2543 by changing the saturation by 10% instead.

 201.7830, 6.0230,
28.2543

 201.7830, 6.0230,
28.2543


255.0000, 0.0000,
0.0000


 174.3700, 5.7336,
27.7395


 245.6080, 4.6303,
8.2368

 147.6580, 5.5916,
26.6099

 121.3590, 5.7390,
25.9952

 96.3480, 5.7444,
24.2508

 72.0490, 5.8918,
23.6360

 49.0380, 5.8973,
21.8917

 26.1520, 6.3341,

21.7917

■ 11.6200, 3.1453,
17.8733

■ 0.0000, 0.0000,
0.0000

■ 201.7830, 6.0230,
28.2543

■ 201.7830, 6.0230,
28.2543

■ 187.2560, 8.7478,
40.9945

■ 216.3100, 3.2982,
15.5141

■ 172.1420, 11.7620,
54.2495

■ 231.4240, 0.2840,
2.2592

■ 157.5010, 14.0500,
67.0896

■ 246.0650, -2.0040,
-10.5810

■ 142.3870, 17.0642,
80.3446

■ 248.2650, 1.3484,
-12.5104

■ 127.8600, 19.7890,
93.0848

■ 248.7210, 3.0955,
-12.9103

■ 113.3330, 22.5138,
105.8250

■ 98.2190, 25.5280,
119.0799

■ 86.1540, 27.5321,
129.6609

Harmonies

Analogous

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



200.5940, 15.9762, 9.1261



201.7830, 6.0230, 28.2543



201.2760, -5.0661, 38.3459

Triad

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



201.7830, 6.0230, 28.2543



196.0340, -21.7088, 9.6172



188.5130, 18.4811, -47.8079

Complementary

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



201.7830, 6.0230, 28.2543



215.2170, -6.0230, -28.2543

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.



187.8910, 8.4347, -45.5084



201.7830, 6.0230, 28.2543



192.9220, -15.2445, -10.4556

Square

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



201.7830, 6.0230, 28.2543



198.2580, -21.3262, 26.9607



190.2490, -4.5598, -30.9134



192.2570, 23.5373, -36.1824

Rectangle

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



201.7830, 6.0230, 28.2543



200.7400, -12.1968, 38.8160



190.2490, -4.5598, -30.9134



187.8180, 15.8657, -48.9524

Sweetspot

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



201.7830, 6.0230, 28.2543



243.6360, 2.1515, 9.9662



194.7940, 19.3286, 7.1967



121.0870, 1.4361, 6.0627



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.



201.7830, 6.0230, 28.2543



213.2940, 7.7431, 36.5762



198.9330, -4.8970, 30.7538



110.0870, 1.4361, 6.0627



66.6590, 21.3671, 100.2771



19.9080, 6.4544, 29.8987

Inverse Universe

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



201.7830, 6.0230, 28.2543



213.2940, 7.7431, 36.5762



218.0670, 4.8970, -30.7538



110.0870, 1.4361, 6.0627



66.6590, 21.3671, 100.2771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 201.7830, 6.0230, 28.2543 looks on a white background.

Color Contrast Check

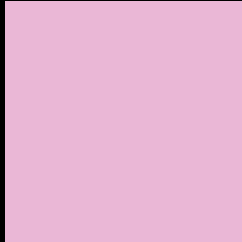
Large Text (above 18pt) WCAG AA × Fail

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 201.7830, 6.0230, 28.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

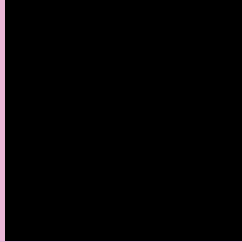
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.7830, 6.0230, 28.2543

Background



This preview shows how black text looks on a background with the YUV color 201.7830, 6.0230, 28.2543.



This preview shows how white text looks on a background with the YUV color 201.7830, 6.0230,

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

201.7830, 6.0230, 28.2543

Protanopia

198.3660, 11.6516, -3.8290

Deuteranopia

199.9610, 5.9352, 9.6812



Tritanopia

200.7630, -0.3762, 27.3948

Trichromacy



Original Color

201.7830, 6.0230, 28.2543

Protanomaly

199.5740, 9.5770, 8.2666

Deuteranomaly

200.7060, 6.0609, 16.0438

Tritanomaly

201.0450, 1.9498, 28.0245

Monochromacy



Original Color

201.7830, 6.0230, 28.2543

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.9350, 2.0040, 10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.7830, 6.0230, 28.2543 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(234, 183, 214)` looks like.

```
.text, #text, p{  
    color:rgb(234, 183, 214)  
}
```

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(234, 183, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 183, 214) }
```

Border

The CSS property to change the border of an element to YUV 201.7830, 6.0230, 28.2543 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(234, 183, 214) }
```


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

```
.border{ border-color:rgb(234, 183, 214) }
```

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

Here you see how a box with a 4 pixel rgb(234, 183, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 183, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 183, 214);  
box-shadow:4px 4px 4px 4px rgb(234, 183,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 201.7830, 6.0230, 28.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 183, 214) }
```

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

```
.background{ background-color: rgb(234,  
183, 214) }
```

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