

Converting Colors

YUV(203.1830, 12.7278,
24.3955)

Have a look what the booklet for
YUV(203.1830, 12.7278, 24.3955)
contains.

YUV(203.1830, 12.7278, 24.3955)	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(203.1830, 12.7278,
24.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B8E5
RGB	231, 184, 229
RGB Percent	91%, 72%, 90%
CMY	0.0941, 0.2784, 0.1020
CMYK	0.00, 0.20, 0.01, 0.09
HSL	303°, 49%, 81%
HSV	303°, 20%, 91%
XYZ	64.2383, 56.9270, 81.7310
YIQ	203.1830, 13.5670, 23.9590

Conversions

Conversions Part 2

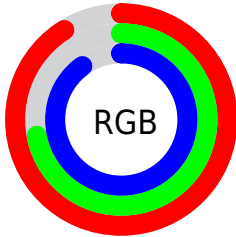
Format	Color
R _Y B	231, 184, 229
Decimal	15186149
CIE Lab	80.14, 24.40, -16.01
CIE LCh	80, 29.180, 326.732
Yxy	56.9270, 0.3166, 0.2806
Android (android.graphics.Color)	4293376229 (0xFFE7B8E5)
YUV	203.1830, 12.7278, 24.3955
Hunter-Lab	75.4500, 19.9379, -11.4107

Details

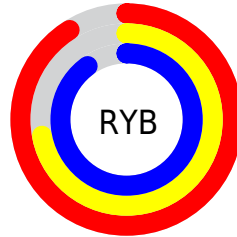
The YUV color $203.1830, 12.7278, 24.3955$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $211.8170, -12.7278, -24.3955$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.1950, 4.3409, 7.7220$, and $148.9440, 11.8596, 22.8511$ is the 20% darker color. If you saturate the color by 10%, you get $189.5680, 18.9470, 36.3359$, and if you desaturate by 10%, it is $216.7980, 6.5086, 12.4552$.

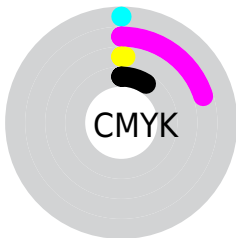
Distribution



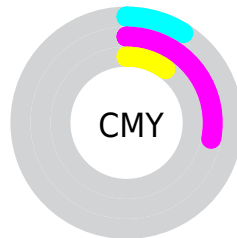
- Red (91%)
- Green (72%)
- Blue (90%)



- Red (91%)
- Yellow (72%)
- Blue (90%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.1830, 12.7278, 24.3955 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 203.1830, 12.7278, 24.3955 by changing the saturation by 10% instead.


 203.1830, 12.7278,
24.3955


 203.1830, 12.7278,
24.3955


255.0000, 0.0000,
0.0000


 175.7700, 12.4384,
23.8807


 246.1950, 4.3409,
7.7220

 148.9440, 11.8596,
22.8511

 122.6450, 12.0070,
22.2363

 97.8190, 11.4282,
21.2067

 73.4060, 11.1388,
20.6919

 49.6940, 10.9969,
19.5624

 27.3950, 11.1443,

18.9476

■ 12.5750, 8.0975,
16.1587

■ 0.0000, 0.0000,
0.0000

■ 203.1830, 12.7278,
24.3955

■ 203.1830, 12.7278,
24.3955

■ 189.5680, 18.9470,
36.3359

■ 216.7980, 6.5086,
12.4552

■ 175.9530, 25.1662,
48.2762

■ 230.4130, 0.2894,
0.5148

■ 162.3380, 31.3854,
60.2166

■ 244.0280, -5.9298,
-11.4256

■ 148.7230, 37.6046,
72.1569

■ 245.3160, -6.0718,
-12.5551

135.1080, 43.8238,
84.0973

245.4300, -5.6350,
-12.6551

120.9060, 50.3323,
96.5524

245.5440, -5.1982,
-12.7551

107.2910, 56.5515,
108.4928

245.6580, -4.7614,
-12.8551

94.2630, 62.4813,
119.9183

245.7720, -4.3246,
-12.9550

245.8860, -3.8878,
-13.0550

Harmonies

Analogous

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



200.9500, 22.7027, -1.7101



203.1830, 12.7278, 24.3955



202.9650, 0.0173, 41.2497

Triad

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



203.1830, 12.7278, 24.3955



197.6610, -25.9619, 20.4683



185.3220, 18.0823, -59.9184

Complementary

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



203.1830, 12.7278, 24.3955



211.8170, -12.7278, -24.3955

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.



187.6150, 3.6408, -47.8974



203.1830, 12.7278, 24.3955



195.1420, -22.2550, -1.8785

Square

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



203.1830, 12.7278, 24.3955



199.9820, -22.6691, 37.7268



191.1480, -11.4120, -26.4398



188.6570, 26.7911, -53.1962

Rectangle

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



203.1830, 12.7278, 24.3955



201.9950, -8.8715, 45.6084



191.1480, -11.4120, -26.4398



185.7800, 13.4195, -57.6891

Sweetspot

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



203.1830, 12.7278, 24.3955



246.0810, 3.9041, 7.8220



189.9560, 20.2347, -3.4694



122.6030, 2.1677, 4.7332



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.



203.1830, 12.7278, 24.3955



218.8510, 16.3425, 31.7027



200.5610, 2.6814, 26.6950



107.8420, 3.0359, 6.2776



73.0150, 48.3066, 92.9488



20.8350, 13.8853, 26.4547

Inverse Universe

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



203.1830, 12.7278, 24.3955



218.8510, 16.3425, 31.7027



214.4390, -2.6814, -26.6950



107.8420, 3.0359, 6.2776



73.0150, 48.3066, 92.9488



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 203.1830, 12.7278, 24.3955 looks on a white background.

Color Contrast Check

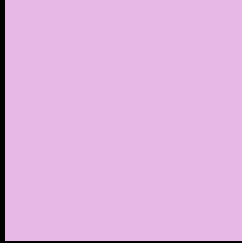
Large Text (above 18pt) WCAG AA × Fail

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 203.1830, 12.7278, 24.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

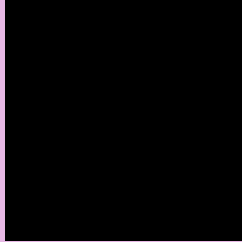
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.1830, 12.7278, 24.3955

Background



This preview shows how black text looks on a background with the YUV color 203.1830, 12.7278, 24.3955.



This preview shows how white text looks on a background with the YUV color 203.1830, 12.7278,

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

203.1830, 12.7278, 24.3955

Protanopia

199.5810, 18.9406, -8.4025

Deuteranopia

201.0510, 12.7929, 3.4633



Tritanopia

201.9580, 0.5137, 21.9618

Trichromacy



Original Color

203.1830, 12.7278, 24.3955



Protanomaly

200.7890, 16.8660, 3.6930



Deuteranomaly

201.5080, 13.0606, 10.9555



Tritanomaly

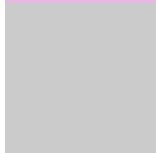
202.1090, 4.8763, 22.7064

Monochromacy



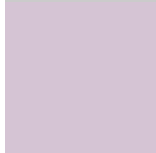
Original Color

203.1830, 12.7278, 24.3955



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

202.9070, 4.4828, 8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.1830, 12.7278, 24.3955 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(231, 184, 229)` looks like.

```
.text, #text, p{  
    color:rgb(231, 184, 229)  
}
```

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(231, 184, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 184, 229) }
```

Border

The CSS property to change the border of an element to YUV 203.1830, 12.7278, 24.3955 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(231, 184, 229) }
```


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

```
.border{ border-color:rgb(231, 184, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 184, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 184, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 184, 229);  
box-shadow:4px 4px 4px 4px rgb(231, 184,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 203.1830, 12.7278, 24.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 184, 229) }
```

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

```
.background{ background-color: rgb(231,  
184, 229) }
```

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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