

Converting Colors

YUV(213.7290, 1.1196, 14.2697)

Have a look what the booklet for
YUV(213.7290, 1.1196, 14.2697)
contains.

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Color

**YUV(213.7290, 1.1196,
14.2697)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CDD8
RGB	230, 205, 216
RGB Percent	90%, 80%, 85%
CMY	0.0980, 0.1961, 0.1529
CMYK	0.00, 0.11, 0.06, 0.10
HSL	334°, 33%, 85%
HSV	334°, 11%, 90%
XYZ	66.8591, 65.4435, 74.0738
YIQ	213.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

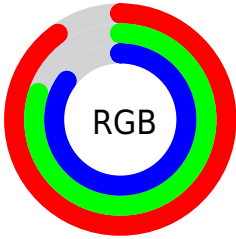
Format	Color
R _Y B	230, 205, 216
Decimal	15125976
CIE Lab	84.71, 10.57, -2.26
CIE LCh	85, 10.813, 347.943
Yxy	65.4435, 0.3240, 0.3171
Android (android.graphics.Color)	4293316056 (0xFFE6CDD8)
YUV	213.7290, 1.1196, 14.2697
Hunter-Lab	80.8972, 5.9550, 2.3389

Details

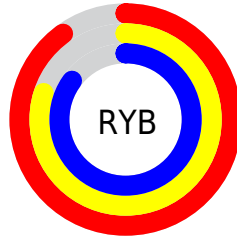
The YUV color $213.7290, 1.1196, 14.2697$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $221.2710, -1.1196, -14.2697$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $159.0170, 0.9776, 13.1401$ is the 20% darker color. If you saturate the color by 10%, you get $198.7460, 2.0972, 27.4098$, and if you desaturate by 10%, it is $228.7120, 0.1420, 1.1296$.

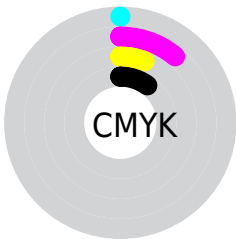
Distribution



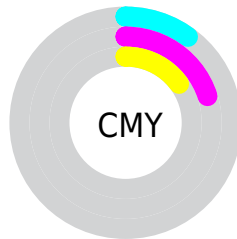
- Red (90%)
- Green (80%)
- Blue (85%)



- Red (90%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (10%)




- Cyan (10%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 213.7290, 1.1196, 14.2697 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 213.7290, 1.1196, 14.2697 by changing the saturation by 10% instead.


 213.7290, 1.1196,
14.2697

 213.7290, 1.1196,
14.2697


255.0000, 0.0000,
0.0000

 186.3160, 0.8302,
13.7549

 159.0170, 0.9776,
13.1401

 133.0170, 0.9776,
13.1401

 107.7180, 1.1250,
12.5253

 83.3050, 0.8356,
12.0105

 60.0060, 0.9830,
11.3957

 38.2940, 0.8411,

10.2662

■ 16.5330, 1.7092,
11.8106

■ 0.0000, 0.0000,
0.0000

■ 213.7290, 1.1196,
14.2697

■ 213.7290, 1.1196,
14.2697

■ 198.7460, 2.0972,
27.4098

■ 228.7120, 0.1420,
1.1296

■ 183.7630, 3.0748,
40.5498

■ 243.6950, -0.8356,
-12.0105

■ 168.7800, 4.0525,
53.6899

■ 247.5250, 3.6852,
-15.3694

■ 153.7970, 5.0301,
66.8300

■ 138.9280, 6.4445,
79.8701

■ 123.9450, 7.4221,
93.0102

■ 108.9620, 8.3997,
106.1503

■ 93.9790, 9.3774,
119.2904

■ 80.2840, 10.2130,
131.3009

Harmonies

Analogous

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



213.2380, 5.7987, 6.8073



213.7290, 1.1196, 14.2697



213.7850, -3.8380, 17.7286

Triad

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



213.7290, 1.1196, 14.2697



210.6060, -9.1728, 2.0995



208.7680, 8.4954, -18.2135

Complementary

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



213.7290, 1.1196, 14.2697



221.2710, -1.1196, -14.2697

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.



208.3180, 4.2802, -19.5729



213.7290, 1.1196, 14.2697



209.4630, -5.6513, -7.4221

Square

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



213.7290, 1.1196, 14.2697



211.5470, -9.6367, 10.9213



208.3850, -0.6828, -14.3696



210.5560, 10.0789, -12.7656

Rectangle

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



213.7290, 1.1196, 14.2697



213.2750, -7.0376, 17.2988



208.3850, -0.6828, -14.3696



208.8280, 7.4798, -19.1432

Sweetspot

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



213.7290, 1.1196, 14.2697



249.8480, 0.5679, 4.5183



212.0360, 8.8563, 6.1074



124.1360, 0.4260, 3.3887



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.



213.7290, 1.1196, 14.2697



233.4630, 1.2507, 18.8879



213.0620, -3.9746, 14.8546



107.1580, 0.4151, 6.8774



62.5270, 8.1212, 102.1468



17.7570, 2.0918, 29.1541

Inverse Universe

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



213.7290, 1.1196, 14.2697



233.4630, 1.2507, 18.8879



221.9380, 3.9746, -14.8546



107.1580, 0.4151, 6.8774



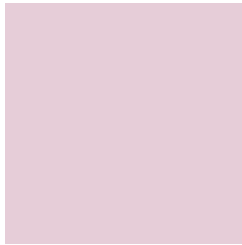
62.5270, 8.1212, 102.1468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 213.7290, 1.1196, 14.2697 looks on a white background.

Color Contrast Check

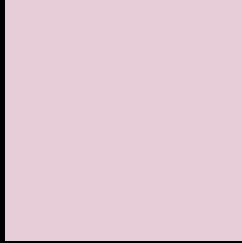
Large Text (above 18pt) WCAG AA × Fail

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 213.7290, 1.1196, 14.2697 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 213.7290, 1.1196, 14.2697

Background



This preview shows how black text looks on a background with the YUV color 213.7290, 1.1196, 14.2697.



This preview shows how white text looks on a background with the YUV color 213.7290, 1.1196,

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

213.7290, 1.1196, 14.2697

Protanopia

211.9230, 3.4890, 0.9445

Deuteranopia

213.7290, 1.1196, 14.2697



Tritanopia

213.8970, 3.0088, 14.9993

Trichromacy



Original Color

213.7290, 1.1196, 14.2697

Protanomaly

212.4290, 2.7465, 5.7628

Deuteranomaly

213.7290, 1.1196, 14.2697

Tritanomaly

213.7830, 2.5720, 15.0993

Monochromacy



Original Color

213.7290, 1.1196, 14.2697

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.1470, 0.4205, 5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7290, 1.1196, 14.2697 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, 205, 216)` looks like.

```
.text, #text, p{  
    color:rgb(230, 205, 216)  
}
```

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, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 205, 216) }
```

Border

The CSS property to change the border of an element to YUV 213.7290, 1.1196, 14.2697 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, 205, 216) }
```


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

```
.border{ border-color:rgb(230, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(230, 205,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 213.7290, 1.1196, 14.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 205, 216) }
```

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

```
.background{ background-color: rgb(230,  
205, 216) }
```

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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