

Converting Colors

YUV(212.7100, -6.7590,
21.3023)

Have a look what the booklet for
YUV(212.7100, -6.7590, 21.3023)
contains.

YUV(212.7100, -6.7590, 21.3023)	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(212.7100, -6.7590,
21.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCBC7
RGB	237, 203, 199
RGB Percent	93%, 80%, 78%
CMY	0.0706, 0.2039, 0.2196
CMYK	0.00, 0.14, 0.16, 0.07
HSL	6°, 51%, 85%
HSV	6°, 16%, 93%
XYZ	66.5898, 64.8399, 63.0385
YIQ	212.7100, 21.5480, 5.9640

Conversions

Conversions Part 2

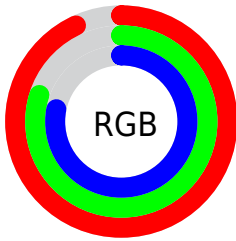
Format	Color
R_{YB}	237, 203, 199
Decimal	15584199
CIE _{Lab}	84.40, 11.31, 6.41
CIE _{LCh}	84, 13.007, 29.550
Yxy	64.8399, 0.3424, 0.3334
Android (android.graphics.Color)	4293774279 (0xFFEDCBC7)
YUV	212.7100, -6.7590, 21.3023
Hunter-Lab	80.5232, 6.6973, 9.9504

Details

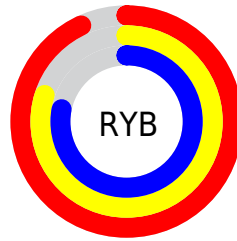
The YUV color $212.7100, -6.7590, 21.3023$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.2900, 6.7590, -21.3023$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.1120, -6.4642, 20.0728$ is the 20% darker color. If you saturate the color by 10%, you get $197.6470, -11.1650, 34.5126$, and if you desaturate by 10%, it is $227.7730, -2.3531, 8.0921$.

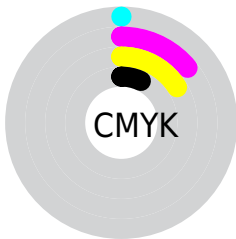
Distribution



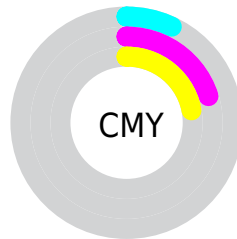
- Red (93%)
- Green (80%)
- Blue (78%)



- Red (93%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7100, -6.7590, 21.3023 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 212.7100, -6.7590, 21.3023 by changing the saturation by 10% instead.

212.7100, -6.7590,
21.3023

212.7100, -6.7590,
21.3023

255.0000, 0.0000,
0.0000

185.4110, -6.6116,
20.6876

158.1120, -6.4642,
20.0728

131.9270, -5.8800,
19.3580

106.3290, -5.5852,
18.1285

82.0300, -5.4378,
17.5137

58.5460, -4.7062,
16.1842

36.9480, -4.4114,

14.9546

■ 14.3890, -6.6008,
17.1988

■ 0.0000, 0.0000,
0.0000

■ 212.7100, -6.7590,
21.3023

■ 212.7100, -6.7590,
21.3023

■ 197.6470,
-11.1650, 34.5126

■ 227.7730, -2.3531,
8.0921

■ 182.6980,
-15.1341, 47.6229

■ 242.7220, 1.6161,
-5.0182

■ 167.0480,
-19.2507, 61.3479

■ 249.6180, 2.6533,
-11.0660

■ 151.9850,
-23.6566, 74.5582

■ 136.9220,
-28.0625, 87.7684

■ 121.9730,
-32.0317, 100.8787

■ 106.9100,
-36.4376, 114.0889

■ 91.2600, -40.5542,
127.8140

■ 85.5380, -42.1702,
132.8322

Harmonies

Analogous

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



212.8930, -0.9332, 19.3878



212.7100, -6.7590, 21.3023



211.9500, -10.8213, 17.5839

Triad

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



212.7100, -6.7590, 21.3023



207.6580, -4.7614, -12.8551



210.4360, 12.1101, -10.9064

Complementary

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



212.7100, -6.7590, 21.3023



223.2900, 6.7590, -21.3023

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.



207.8540, 11.4110, -20.0430



212.7100, -6.7590, 21.3023



206.6230, 1.6649, -20.7174

Square

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



212.7100, -6.7590, 21.3023



209.0570, -9.8881, -1.8040



206.5070, 7.6380, -23.2466



212.2310, 9.7461, 0.6744

Rectangle

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



212.7100, -6.7590, 21.3023



210.6890, -11.6787, 12.5507



206.5070, 7.6380, -23.2466



209.4140, 12.1209, -14.3951

Sweetspot

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



212.7100, -6.7590, 21.3023



247.0610, -2.4951, 6.9625



214.2380, 9.2497, 19.9623



122.9790, -1.4686, 4.4034



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.



212.7100, -6.7590, 21.3023



224.2870, -8.5225, 26.9353



223.8630, -12.2575, 11.5211



109.8760, -1.9109, 6.2477



65.2720, -32.1791, 101.4935



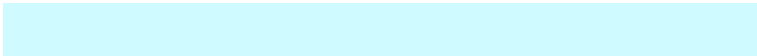
19.6680, -9.6963, 30.1092

Inverse Universe

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



223.2900, 6.7590, -21.3023



237.7130, 8.5225, -26.9353



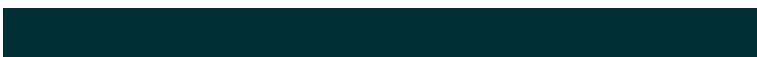
212.1370, 12.2575, -11.5211



113.1240, 1.9109, -6.2477



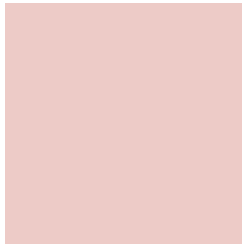
115.7280, 32.1791, -101.4935



34.3320, 9.6963, -30.1092

Previews

White Background



This preview shows how the YUV color 212.7100, -6.7590, 21.3023 looks on a white background.

Color Contrast Check

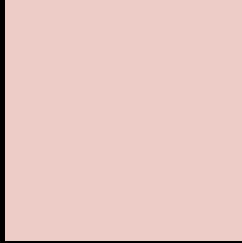
Large Text (above 18pt) WCAG AA × Fail

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 212.7100, -6.7590, 21.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

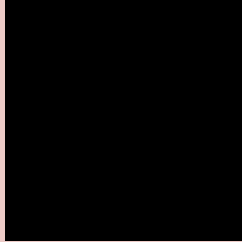
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.7100, -6.7590, 21.3023

Background



This preview shows how black text looks on a background with the YUV color 212.7100, -6.7590, 21.3023.

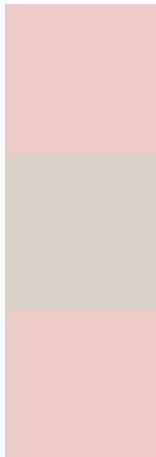


This preview shows how white text looks on a background with the YUV color 212.7100, -6.7590,

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

212.7100, -6.7590, 21.3023

Protanopia

210.9960, -3.9420, 4.3885

Deuteranopia

212.9980, -6.9010, 20.1728



Tritanopia

213.4850, 1.2399, 22.3767

Trichromacy



Original Color

212.7100, -6.7590, 21.3023

Protanomaly

211.5130, -4.6899, 10.9511

Deuteranomaly

212.9980, -6.9010, 20.1728

Tritanomaly

213.0890, -1.5229, 21.8469

Monochromacy



Original Color

212.7100, -6.7590, 21.3023

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.7730, -2.3531, 8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7100, -6.7590, 21.3023 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(237, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 203, 199)  
}
```

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(237, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 203, 199) }
```

Border

The CSS property to change the border of an element to YUV 212.7100, -6.7590, 21.3023 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(237, 203, 199) }
```


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

```
.border{ border-color:rgb(237, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 203,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 212.7100, -6.7590, 21.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 203, 199) }
```

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

```
.background{ background-color: rgb(237,  
203, 199) }
```

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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