

Converting Colors

YUV(215.6600, -7.7204, 2.9292)

Have a look what the booklet for
YUV(215.6600, -7.7204, 2.9292)
contains.

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Color

**YUV(215.6600, -7.7204,
2.9292)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD9C8
RGB	219, 217, 200
RGB Percent	86%, 85%, 78%
CMY	0.1412, 0.1490, 0.2157
CMYK	0.00, 0.01, 0.09, 0.14
HSL	54°, 21%, 82%
HSV	54°, 9%, 86%
XYZ	64.4516, 68.8559, 64.5371
YIQ	215.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

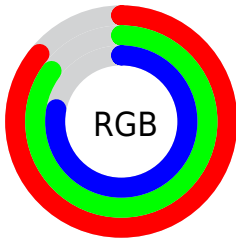
Format	Color
R_{YB}	202, 219, 200
Decimal	14408136
CIE _{Lab}	86.43, -2.25, 8.61
CIE _{LCh}	86, 8.895, 104.629
Yxy	68.8559, 0.3258, 0.3480
Android (android.graphics.Color)	4292598216 (0xFFD9C8)
YUV	215.6600, -7.7204, 2.9292
Hunter-Lab	82.9795, -6.5700, 11.9729

Details

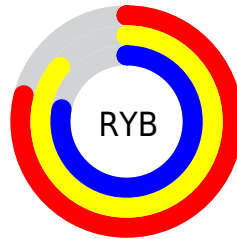
The YUV color $215.6600, -7.7204, 2.9292$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $203.3400, 7.7204, -2.9292$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.7740, -7.2836, 2.8292$ is the 20% darker color. If you saturate the color by 10%, you get $211.9780, -16.7512, 6.1583$, and if you desaturate by 10%, it is $219.3420, 1.3104, -0.2999$.

Distribution



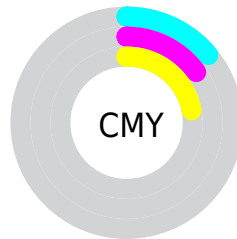
- Red (86%)
- Green (85%)
- Blue (78%)



- Red (79%)
- Yellow (86%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.6600, -7.7204, 2.9292 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 215.6600, -7.7204, 2.9292 by changing the saturation by 10% instead.

■ 215.6600, -7.7204,
2.9292

■ 215.6600, -7.7204,
2.9292

255.0000, 0.0000,
0.0000

■ 187.7740, -7.2836,
2.8292

■ 160.7740, -7.2836,
2.8292

■ 134.7740, -7.2836,
2.8292

■ 109.5890, -6.6994,
2.1144

■ 85.0020, -6.4100,
2.6292

■ 61.7030, -6.2626,
2.0145

■ 39.8170, -5.8258,

1.9145

■ 19.4320, -8.5940,
3.1291

■ 0.0000, 0.0000,
0.0000

■ 215.6600, -7.7204,
2.9292

■ 215.6600, -7.7204,
2.9292

■ 211.9780,
-16.7512, 6.1583

■ 219.3420, 1.3104,
-0.2999

■ 207.7090,
-25.4925, 9.9022

■ 223.6110, 10.0518,
-4.0438

■ 204.0270,
-34.5233, 13.1313

■ 226.0390, 14.2778,
-6.1732

■ 200.3450,
-43.5541, 16.3604

■ 227.2130, 13.6990,
-7.2028

■ 196.0760,
-52.2955, 20.1043

■ 228.9740, 12.8308,
-8.7472

■ 192.5080,
-60.8894, 23.2335

■ 230.1480, 12.2520,
-9.7768

■ 188.8260,
-69.9202, 26.4626

■ 231.3220, 11.6733,
-10.8064

■ 185.1440,
-78.9510, 29.6917

■ 232.4960, 11.0945,
-11.8360

■ 180.8750,
-87.6924, 33.4356

■ 234.2570, 10.2263,
-13.3804

Harmonies

Analogous

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



216.5900, -8.1789, 10.0066



215.6600, -7.7204, 2.9292



214.3000, -5.0779, -4.6481

Triad

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



215.6600, -7.7204, 2.9292



214.0350, 6.8847, -14.9397



218.1200, 1.4198, 11.2958

Complementary

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



215.6600, -7.7204, 2.9292



203.3400, 7.7204, -2.9292

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.



217.7000, 5.0779, 4.6481



215.6600, -7.7204, 2.9292



215.1110, 8.3263, -10.6213

Square

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



215.6600, -7.7204, 2.9292



213.4110, 3.2484, -15.2694



216.9270, 7.4310, -3.4440



218.2900, -3.1010, 14.6547

Rectangle

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



215.6600, -7.7204, 2.9292



214.2500, -2.5882, -9.8663



216.9270, 7.4310, -3.4440



218.4510, 2.7357, 9.2515

Sweetspot

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



215.6600, -7.7204, 2.9292



253.5010, -3.2050, 1.3146



205.9090, -1.9271, 11.4808



126.7290, -2.3314, 1.1147



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.



215.6600, -7.7204, 2.9292



250.3890, -10.0518, 4.0438



214.7410, -7.2673, -2.4039



107.5720, -4.2260, 2.1294



142.7120, -70.3570, 26.5626



37.8210, -18.6458, 7.1730

Inverse Universe

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



203.3400, 7.7204, -2.9292



234.0240, 10.3412, -3.5290



204.2590, 7.2673, 2.4039



100.8410, 4.5154, -1.6146



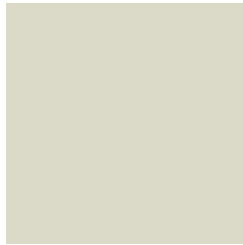
30.2880, 70.3570, -26.5626



8.1790, 18.6458, -7.1730

Previews

White Background



This preview shows how the YUV color 215.6600, -7.7204, 2.9292 looks on a white background.

Color Contrast Check

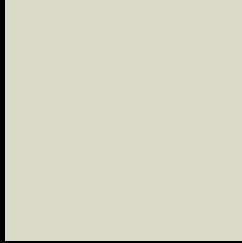
Large Text (above 18pt) WCAG AA × Fail

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 215.6600, -7.7204, 2.9292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

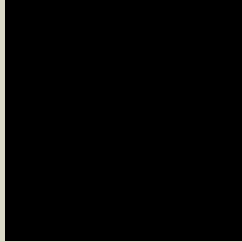
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

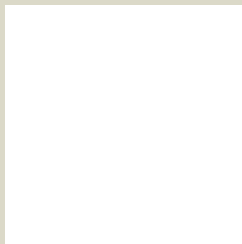
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.6600, -7.7204, 2.9292

Background



This preview shows how black text looks on a background with the YUV color 215.6600, -7.7204, 2.9292.



This preview shows how white text looks on a background with the YUV color 215.6600, -7.7204,

2.9292.

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

215.6600, -7.7204, 2.9292

Protanopia

215.8670, -8.3154, 7.1326

Deuteranopia

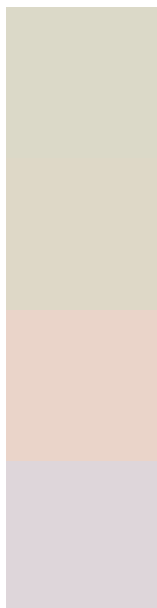
218.0690, -7.9220, 20.9875



Tritanopia

217.8140, 5.5147, 4.5481

Trichromacy



Original Color

215.6600, -7.7204, 2.9292

Protanomaly

215.8560, -8.3100, 5.3883

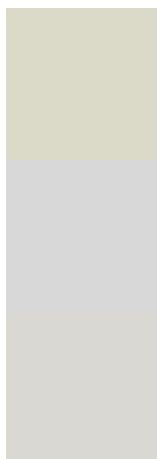
Deuteranomaly

217.3240, -8.0477, 14.6249

Tritanomaly

216.8480, 0.5679, 4.5183

Monochromacy



Original Color

215.6600, -7.7204, 2.9292

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.6150, -2.7682, 1.2146

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.6600, -7.7204, 2.9292 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(219, 217, 200)` looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 200)  
}
```

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(219, 217, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 200) }
```

Border

The CSS property to change the border of an element to YUV 215.6600, -7.7204, 2.9292 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(219, 217, 200) }
```


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

```
.border{ border-color:rgb(219, 217, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 200);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 215.6600, -7.7204, 2.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 200) }
```

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

```
.background{ background-color: rgb(219,  
217, 200) }
```

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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