

Converting Colors

YUV(198.7200, -42.2600,
21.2936)

Have a look what the booklet for
YUV(198.7200, -42.2600, 21.2936)
contains.

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Color

**YUV(198.7200, -42.2600,
21.2936)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCB71
RGB	223, 203, 113
RGB Percent	87%, 80%, 44%
CMY	0.1255, 0.2039, 0.5569
CMYK	0.00, 0.09, 0.49, 0.13
HSL	49°, 63%, 66%
HSV	49°, 49%, 87%
XYZ	54.7680, 59.5921, 24.2386
YIQ	198.7200, 40.8100, -23.7500

Conversions

Conversions Part 2

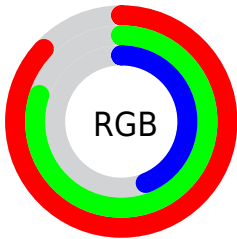
Format	Color
RYB	137, 223, 113
Decimal	14666609
CIELab	81.62, -4.69, 47.09
CIELCh	82, 47.324, 95.686
Yxy	59.5921, 0.3952, 0.4300
Android (android.graphics.Color)	4292856689 (0xFFDFCB71)
YUV	198.7200, -42.2600, 21.2936
Hunter-Lab	77.1959, -8.4529, 35.4208

Details

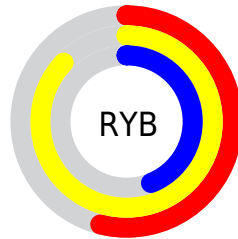
The YUV color $198.7200, -42.2600, 21.2936$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $137.2800, 42.2600, -21.2936$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.9680, -38.4382, 8.7981$, and $144.1650, -40.5073, 19.1493$ is the 20% darker color. If you saturate the color by 10%, you get $193.8640, -50.7120, 25.5523$, and if you desaturate by 10%, it is $203.5760, -33.8080, 17.0348$.

Distribution



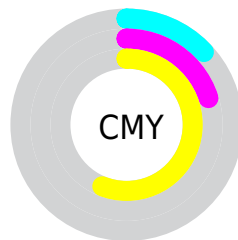
- Red (87%)
- Green (80%)
- Blue (44%)



- Red (54%)
- Yellow (87%)
- Blue (44%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.7200, -42.2600, 21.2936 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 198.7200, -42.2600, 21.2936 by changing the saturation by 10% instead.

■ 198.7200,
-42.2600, 21.2936

■ 198.7200,
-42.2600, 21.2936

255.0000, 0.0000,
0.0000

■ 171.2360,
-41.5283, 19.9640

■ 244.9680,
-38.4382, 8.7981

■ 144.1650,
-40.5073, 19.1493

■ 248.0460,
-26.6447, 6.0987

■ 117.5670,
-40.2125, 17.9197

■ 251.3520,
-13.9775, 3.1993

■ 91.8720, -42.8279,
16.7753

254.6580, -1.3104,
0.2999

■ 69.4400, -34.2339,
13.6461

■ 48.7520, -24.0347,
8.9875

■ 28.9500, -14.2723,

4.4289

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 198.7200,
-42.2600, 21.2936

■ 198.7200,
-42.2600, 21.2936

■ 193.8640,
-50.7120, 25.5523

■ 203.5760,
-33.8080, 17.0348

■ 188.8940,
-59.6007, 29.9110

■ 208.5460,
-24.9192, 12.6762

■ 184.0380,
-68.0527, 34.1697

■ 213.4020,
-16.4672, 8.4174

■ 179.1820,
-76.5047, 38.4284

■ 218.2580, -8.0152,
4.1587

■ 174.2120,
-85.3935, 42.7871

■ 223.1140, 0.4368,
-0.1000

■ 173.5110,
-85.5409, 43.4019

■ 228.0840, 9.3256,
-4.4587

■ 231.3440, 11.6624,
-7.3177

■ 233.6920, 10.5048,
-9.3769

■ 236.0400, 9.3473,
-11.4361

Harmonies

Analogous

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



200.6230, -38.2681, 47.6886



198.7200, -42.2600, 21.2936



193.5350, -31.8158, -15.3782

Triad

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



198.7200, -42.2600, 21.2936



160.3300, 45.6863, -140.6094



205.1560, 17.1781, 43.7132

Complementary

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



198.7200, -42.2600, 21.2936



137.2800, 42.2600, -21.2936

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.



204.9070, 24.6958, 12.3596



198.7200, -42.2600, 21.2936



171.9970, 40.9205, -105.2374

Square

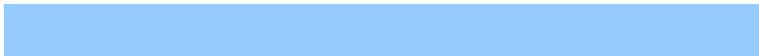
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198.7200, -42.2600, 21.2936



167.6650, 20.8712, -114.5932



193.6680, 30.2367, -38.2968



196.6180, -0.3047, 51.2010

Rectangle

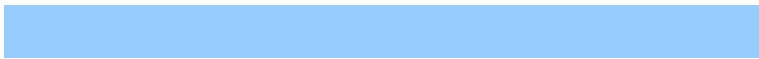
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198.7200, -42.2600, 21.2936



188.8010, -18.6359, -42.7985



193.6680, 30.2367, -38.2968



208.6760, 21.8517, 37.9951

Sweetspot

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



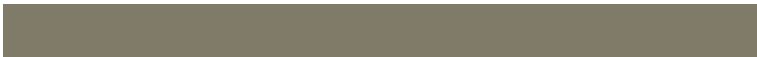
198.7200, -42.2600, 21.2936



246.5590, -14.5726, 7.4028



148.1700, -7.4788, 65.6259



122.4430, -8.5994, 4.8735



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.



198.7200, -42.2600, 21.2936



222.0510, -57.7061, 28.8963



199.9950, -42.8885, -10.5196



109.5720, -4.2260, 2.1294



137.1520, -67.6159, 34.0697



37.8320, -18.6512, 8.9173

Inverse Universe

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



137.2800, 42.2600, -21.2936



137.9490, 57.7061, -28.8963



136.0050, 42.8885, 10.5196



103.4280, 4.2260, -2.1294



38.8480, 67.6159, -34.0697



10.7550, 18.3618, -9.4321

Previews

White Background



This preview shows how the YUV color 198.7200, -42.2600, 21.2936 looks on a white background.

Color Contrast Check

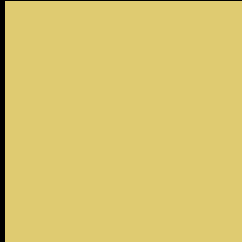
Large Text (above 18pt) WCAG AA × Fail

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 198.7200, -42.2600, 21.2936 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 198.7200, -42.2600, 21.2936

Background



This preview shows how black text looks on a background with the YUV color 198.7200, -42.2600, 21.2936.



This preview shows how white text looks on a background with the YUV color 198.7200, -42.2600,

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

198.7200, -42.2600, 21.2936

Protanopia

198.7200, -42.2600, 21.2936

Deuteranopia

200.8410, -42.3196, 40.4814



Tritanopia

205.6700, 0.6557, 23.0914

Trichromacy



Original Color

198.7200, -42.2600, 21.2936

Protanomaly

198.7200, -42.2600, 21.2936

Deuteranomaly

199.7970, -42.2979, 33.5040

Tritanomaly

203.2450, -14.9108, 22.5871

Monochromacy



Original Color

198.7200, -42.2600, 21.2936

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.7440, -15.1568, 8.1175

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.7200, -42.2600, 21.2936 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(223, 203, 113)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 113)  
}
```

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(223, 203, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 113) }
```

Border

The CSS property to change the border of an element to YUV 198.7200, -42.2600, 21.2936 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(223, 203, 113) }
```


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

```
.border{ border-color:rgb(223, 203, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 113);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 198.7200, -42.2600, 21.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 113) }
```

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

```
.background{ background-color: rgb(223,  
203, 113) }
```

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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