

Converting Colors

YUV(200.6600, -24.4824,
12.5762)

Have a look what the booklet for
YUV(200.6600, -24.4824, 12.5762)
contains.

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Color

**YUV(200.6600, -24.4824,
12.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CB97
RGB	215, 203, 151
RGB Percent	84%, 80%, 59%
CMY	0.1569, 0.2039, 0.4078
CMYK	0.00, 0.06, 0.30, 0.16
HSL	49°, 44%, 72%
HSV	49°, 30%, 84%
XYZ	54.9662, 59.3933, 37.8452
YIQ	200.6600, 23.8440, -13.6280

Conversions

Conversions Part 2

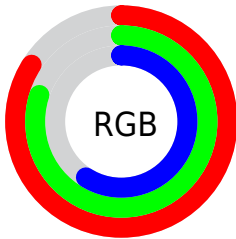
Format	Color
RYB	166, 215, 151
Decimal	14142359
CIELab	81.51, -3.72, 27.50
CIElCh	82, 27.747, 97.703
Yxy	59.3933, 0.3611, 0.3902
Android (android.graphics.Color)	4292332439 (0xFFD7CB97)
YUV	200.6600, -24.4824, 12.5762
Hunter-Lab	77.0671, -7.5566, 24.8315

Details

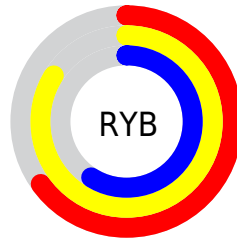
The YUV color $200.6600, -24.4824, 12.5762$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $165.3400, 24.4824, -12.5762$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, -21.4031, 4.8989$, and $146.4040, -22.8772, 11.0467$ is the 20% darker color. If you saturate the color by 10%, you get $195.9180, -32.4976, 16.7349$, and if you desaturate by 10%, it is $205.5160, -16.0304, 8.3175$.

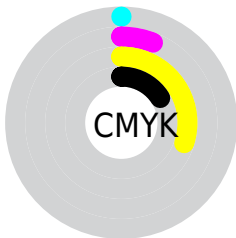
Distribution



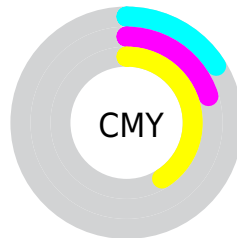
- Red (84%)
- Green (80%)
- Blue (59%)



- Red (65%)
- Yellow (84%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.6600, -24.4824, 12.5762 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 200.6600, -24.4824, 12.5762 by changing the saturation by 10% instead.

■ 200.6600,
-24.4824, 12.5762

■ 200.6600,
-24.4824, 12.5762

■ 255.0000, 0.0000,
0.0000

■ 173.4750,
-23.8982, 11.8614

■ 249.4140,
-21.4031, 4.8989

■ 146.4040,
-22.8772, 11.0467

■ 252.6060, -9.1728,
2.0995

■ 120.5180,
-22.4404, 10.9467

■ 95.4470, -21.4194,
10.1320

■ 71.8490, -21.1246,
8.9024

■ 48.5500, -20.9771,
8.2877

■ 28.6620, -14.1304,

5.5584

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 200.6600,
-24.4824, 12.5762

■ 200.6600,
-24.4824, 12.5762

■ 195.9180,
-32.4976, 16.7349

■ 205.5160,
-16.0304, 8.3175

■ 191.0620,
-40.9496, 20.9936

■ 210.2580, -8.0152,
4.1587

■ 186.3200,
-48.9648, 25.1524

■ 215.1140, 0.4368,
-0.1000

■ 181.4640,
-57.4168, 29.4111

■ 219.8560, 8.4520,
-4.2587

■ 176.7220,
-65.4319, 33.5698

■ 224.2560, 15.1568,
-8.1175

■ 171.8660,
-73.8839, 37.8285

■ 226.6040, 13.9992,
-10.1767

■ 167.1240,
-81.8991, 41.9873

■ 228.9520, 12.8417,
-12.2359

■ 167.0100,
-82.3359, 42.0872

■ 231.3000, 11.6841,
-14.2951

■ 233.6480, 10.5265,
-16.3543

Harmonies

Analogous

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



203.0090, -23.6684, 31.5641



200.6600, -24.4824, 12.5762



197.8250, -18.1547, -10.3705

Triad

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



200.6600, -24.4824, 12.5762



191.6260, 20.3974, -55.8000



206.9620, 7.9067, 30.7283

Complementary

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



200.6600, -24.4824, 12.5762



165.3400, 24.4824, -12.5762

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.



205.9790, 18.7444, 7.9114



200.6600, -24.4824, 12.5762



196.0110, 26.6166, -43.8596

Square

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



200.6600, -24.4824, 12.5762



190.9720, 8.8878, -50.8414



201.9370, 25.6671, -19.2387



206.7110, -4.7875, 42.3495

Rectangle

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



200.6600, -24.4824, 12.5762



195.0880, -10.3964, -25.5102



201.9370, 25.6671, -19.2387



206.6560, 12.0016, 23.9807

Sweetspot

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



200.6600, -24.4824, 12.5762



250.0300, -8.8888, 4.3587



171.6180, -3.7557, 38.0460



124.5290, -5.6838, 3.0441



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.



200.6600, -24.4824, 12.5762



234.5330, -35.2658, 17.9496



202.0230, -25.1543, -5.2822



104.5720, -4.2260, 2.1294



132.7220, -65.4319, 33.5698



33.4020, -16.4672, 8.4174

Inverse Universe

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



165.3400, 24.4824, -12.5762



183.4670, 35.2658, -17.9496



163.9770, 25.1543, 5.2822



98.4280, 4.2260, -2.1294



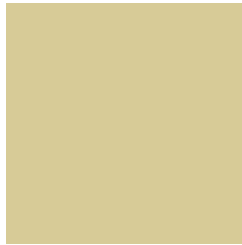
38.2780, 65.4319, -33.5698



9.5980, 16.4672, -8.4174

Previews

White Background



This preview shows how the YUV color 200.6600, -24.4824, 12.5762 looks on a white background.

Color Contrast Check

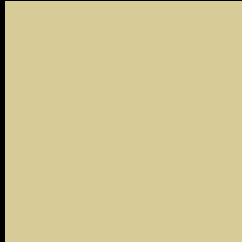
Large Text (above 18pt) WCAG AA × Fail

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 200.6600, -24.4824, 12.5762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

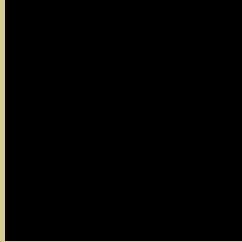
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

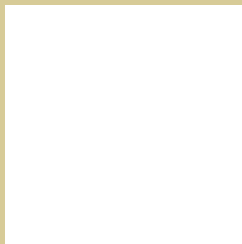
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.6600, -24.4824, 12.5762

Background



This preview shows how black text looks on a background with the YUV color 200.6600, -24.4824, 12.5762.

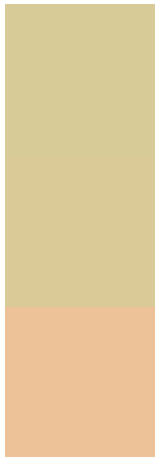


This preview shows how white text looks on a background with the YUV color 200.6600, -24.4824, 12.5762.

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

200.6600, -24.4824, 12.5762

Protanopia

200.6710, -24.4878, 14.3205

Deuteranopia

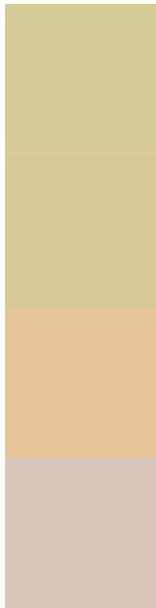
202.4820, -24.3946, 31.1493



Tritanopia

204.7830, 2.5720, 15.0993

Trichromacy



Original Color

200.6600, -24.4824, 12.5762

Protanomaly

200.3720, -24.3404, 13.7058

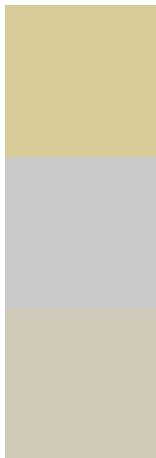
Deuteranomaly

201.7370, -24.5203, 24.7867

Tritanomaly

203.2530, -7.0267, 13.8101

Monochromacy



Original Color

200.6600, -24.4824, 12.5762

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.0300, -8.8888, 4.3587

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6600, -24.4824, 12.5762 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(215, 203, 151)` looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 151)  
}
```

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(215, 203, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 151) }
```

Border

The CSS property to change the border of an element to YUV 200.6600, -24.4824, 12.5762 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(215, 203, 151) }
```


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

```
.border{ border-color:rgb(215, 203, 151) }
```

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

Here you see how a box with a 4 pixel rgb(215, 203, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 151);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 200.6600, -24.4824, 12.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 151) }
```

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

```
.background{ background-color: rgb(215,  
203, 151) }
```

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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