

Converting Colors

YUV(212.7500, -17.6247,
6.3582)

Have a look what the booklet for
YUV(212.7500, -17.6247, 6.3582)
contains.

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Color

**YUV(212.7500, -17.6247,
6.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD8B1
RGB	220, 216, 177
RGB Percent	86%, 85%, 69%
CMY	0.1373, 0.1529, 0.3059
CMYK	0.00, 0.02, 0.20, 0.14
HSL	54°, 38%, 78%
HSV	54°, 20%, 86%
XYZ	62.0069, 67.5017, 51.3560
YIQ	212.7500, 14.9030, -11.2810

Conversions

Conversions Part 2

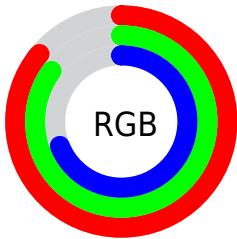
Format	Color
RYB	181, 220, 177
Decimal	14473393
CIELab	85.76, -4.96, 19.76
CIELCh	86, 20.372, 104.087
Yxy	67.5017, 0.3428, 0.3732
Android (android.graphics.Color)	4292663473 (0xFFD8B1)
YUV	212.7500, -17.6247, 6.3582
Hunter-Lab	82.1594, -9.0625, 20.4508

Details

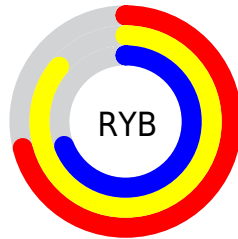
The YUV color $212.7500, -17.6247, 6.3582$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $184.2500, 17.6247, -6.3582$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, -9.6096, 2.1995$, and $157.9780, -16.7512, 6.1583$ is the 20% darker color. If you saturate the color by 10%, you get $209.0680, -26.6555, 9.5874$, and if you desaturate by 10%, it is $216.4320, -8.5940, 3.1291$.

Distribution



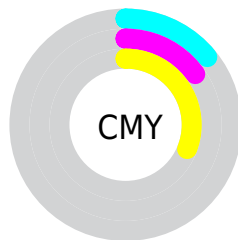
- Red (86%)
- Green (85%)
- Blue (69%)



- Red (71%)
- Yellow (86%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7500, -17.6247, 6.3582 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 212.7500, -17.6247, 6.3582 by changing the saturation by 10% instead.

■ 212.7500,
-17.6247, 6.3582

■ 212.7500,
-17.6247, 6.3582

255.0000, 0.0000,
0.0000

■ 184.8640,
-17.1880, 6.2583

■ 252.4920, -9.6096,
2.1995

■ 157.9780,
-16.7512, 6.1583

■ 131.7930,
-16.1669, 5.4435

■ 106.6080,
-15.5827, 4.7288

■ 82.7220, -15.1459,
4.6288

■ 58.9500, -14.2724,
4.4288

■ 37.1240, -14.8511,

3.3993

■ 17.7090, -8.7305,
0.2552

■ 0.0000, 0.0000,
0.0000

■ 212.7500,
-17.6247, 6.3582

■ 212.7500,
-17.6247, 6.3582

■ 209.0680,
-26.6555, 9.5874

■ 216.4320, -8.5940,
3.1291

■ 205.3860,
-35.6863, 12.8165

■ 220.1140, 0.4368,
-0.1000

■ 201.7040,
-44.7171, 16.0456

■ 223.7960, 9.4676,
-3.3291

■ 198.0220,
-53.7478, 19.2747

■ 226.3380, 14.1304,
-5.5584

■ 194.3400,
-62.7786, 22.5038

■ 227.5120, 13.5516,
-6.5880

■ 190.6580,
-71.8094, 25.7329

■ 228.6860, 12.9728,
-7.6176

■ 186.9760,
-80.8402, 28.9620

■ 229.8600, 12.3940,
-8.6472

■ 183.2940,
-89.8709, 32.1912

■ 231.0340, 11.8152,
-9.6768

■ 183.1800,
-90.3077, 32.2911

■ 232.2080, 11.2365,
-10.7064

Harmonies

Analogous

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



215.0230, -18.2523, 21.0278



212.7500, -17.6247, 6.3582



210.1330, -11.8976, -10.6406

Triad

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



212.7500, -17.6247, 6.3582



208.1830, 15.6858, -37.8715



218.0770, 3.4130, 25.3655

Complementary

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



212.7500, -17.6247, 6.3582



184.2500, 17.6247, -6.3582

Split Complementary

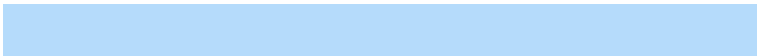
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.5680, 12.0450, 10.0259



212.7500, -17.6247, 6.3582



211.2860, 19.5790, -26.5608

Square

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



212.7500, -17.6247, 6.3582



207.4190, 7.6814, -37.2015



215.0540, 18.2144, -8.8174



217.7160, -5.7760, 32.6981

Rectangle

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



212.7500, -17.6247, 6.3582



208.9620, -5.8973, -21.8917



215.0540, 18.2144, -8.8174



217.9670, 6.9183, 21.0769

Sweetspot

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



212.7500, -17.6247, 6.3582



252.7030, -6.2626, 2.0145



190.3130, -4.5913, 26.0355



126.3870, -3.6418, 1.4146



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.



212.7500, -17.6247, 6.3582



245.3390, -24.3241, 8.4727



210.0150, -16.2764, -6.1522



108.1590, -4.5154, 1.6146



143.8860, -70.9358, 25.5330



38.4080, -18.9351, 6.6582

Inverse Universe

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



184.2500, 17.6247, -6.3582



206.2480, 24.0347, -8.9875



186.9850, 16.2764, 6.1522



100.8410, 4.5154, -1.6146



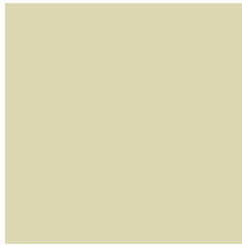
29.1140, 70.9358, -25.5330



7.5920, 18.9351, -6.6582

Previews

White Background



This preview shows how the YUV color 212.7500, -17.6247, 6.3582 looks on a white background.

Color Contrast Check

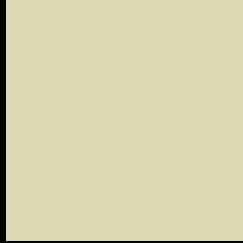
Large Text (above 18pt) WCAG AA × Fail

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 212.7500, -17.6247, 6.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

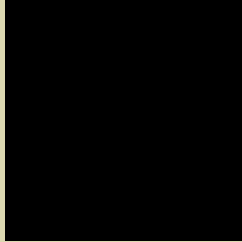
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

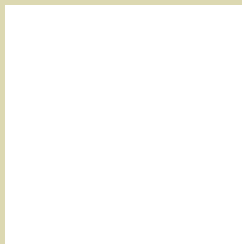
Any Text WCAG AAA ✓ Pass

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

YUV 212.7500, -17.6247, 6.3582 Background



This preview shows how black text looks on a background with the YUV color 212.7500, -17.6247, 6.3582.



This preview shows how white text looks on a background with the YUV color 212.7500, -17.6247, 6.3582.

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

212.7500, -17.6247, 6.3582

Protanopia

213.5550, -18.5146, 11.7913

Deuteranopia

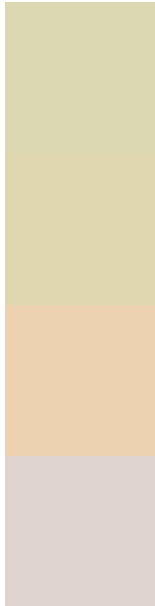
215.1810, -17.8372, 27.9053



Tritanopia

216.0210, 4.9196, 8.7516

Trichromacy



Original Color

212.7500, -17.6247, 6.3582

Protanomaly

213.2450, -18.3618, 9.4321

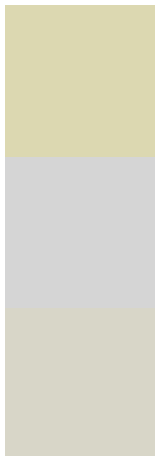
Deuteranomaly

214.4250, -17.9575, 19.7983

Tritanomaly

215.1320, -3.5161, 7.7772

Monochromacy



Original Color

212.7500, -17.6247, 6.3582

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.0020, -6.4100, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7500, -17.6247, 6.3582 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(220, 216, 177)` looks like.

```
.text, #text, p{  
    color:rgb(220, 216, 177)  
}
```

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(220, 216, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 216, 177) }
```

Border

The CSS property to change the border of an element to YUV 212.7500, -17.6247, 6.3582 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(220, 216, 177) }
```


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

```
.border{ border-color:rgb(220, 216, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 216, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 216, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 216, 177); box-shadow:4px 4px 4px 4px rgb(220, 216, 177) }
```

Background

The CSS property to change the background color of an element to YUV 212.7500, -17.6247, 6.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 216, 177) }
```

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

```
.background{ background-color: rgb(220,  
216, 177) }
```

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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