

Converting Colors

YUV(213.5280, -20.9663,
4.7989)

Have a look what the booklet for
YUV(213.5280, -20.9663, 4.7989)
contains.

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Color

**YUV(213.5280, -20.9663,
4.7989)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDBAB
RGB	219, 219, 171
RGB Percent	86%, 86%, 67%
CMY	0.1412, 0.1412, 0.3294
CMYK	0.00, 0.00, 0.22, 0.14
HSL	60°, 40%, 76%
HSV	60°, 22%, 86%
XYZ	61.8956, 68.6634, 48.5192
YIQ	213.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

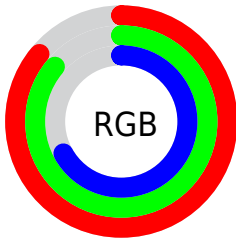
Format	Color
RYB	171, 219, 171
Decimal	14408619
CIELab	86.34, -7.72, 23.68
CIElCh	86, 24.908, 108.055
Yxy	68.6634, 0.3456, 0.3834
Android (android.graphics.Color)	4292598699 (0xFFDBDBAB)
YUV	213.5280, -20.9663, 4.7989
Hunter-Lab	82.8634, -11.6785, 23.2881

Details

The YUV color $213.5280, -20.9663, 4.7989$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $176.4720, 20.9663, -4.7989$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8080, -12.2303, 2.7994$, and $158.8700, -19.6559, 4.4990$ is the 20% darker color. If you saturate the color by 10%, you get $211.0200, -30.5759, 6.9985$, and if you desaturate by 10%, it is $216.0360, -11.3567, 2.5994$.

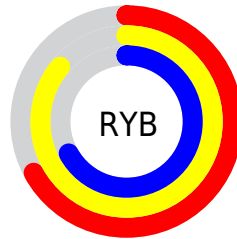
Distribution



Red (86%)

Green (86%)

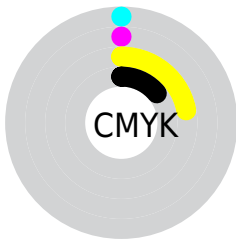
Blue (67%)



Red (67%)

Yellow (86%)

Blue (67%)

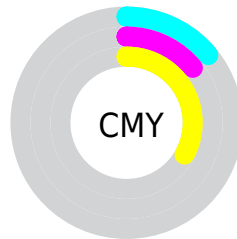


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (14%)



Cyan (14%)

Magenta (14%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5280, -20.9663, 4.7989 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 213.5280, -20.9663, 4.7989 by changing the saturation by 10% instead.

■ 213.5280,
-20.9663, 4.7989

■ 213.5280,
-20.9663, 4.7989

255.0000, 0.0000,
0.0000

■ 185.6420,
-20.5295, 4.6990

■ 251.8080,
-12.2303, 2.7994

■ 158.8700,
-19.6559, 4.4990

■ 132.6850,
-19.0717, 3.7843

■ 106.9130,
-18.1981, 3.5843

■ 82.7280, -17.6139,
2.8695

■ 59.5430, -17.0297,
2.1548

■ 37.2010, -18.3401,

2.4547

■ 17.9860, -8.8671,
-2.6187

■ 0.0000, 0.0000,
0.0000

■ 213.5280,
-20.9663, 4.7989

■ 213.5280,
-20.9663, 4.7989

■ 211.0200,
-30.5759, 6.9985

■ 216.0360,
-11.3567, 2.5994

■ 208.5120,
-40.1854, 9.1980

■ 218.5440, -1.7472,
0.3999

■ 206.0040,
-49.7950, 11.3975

■ 221.0520, 7.8624,
-1.7996

■ 203.4960,
-59.4045, 13.5970

■ 223.1040, 15.7247,
-3.5992

■ 201.1020,
-68.5773, 15.6965

■ 198.5940,
-78.1868, 17.8961

■ 196.0860,
-87.7964, 20.0956

■ 194.0340,
-95.6588, 21.8952

Harmonies

Analogous

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



215.8940, -22.6257, 23.7720



213.5280, -20.9663, 4.7989



210.4590, -13.0443, -16.1885

Triad

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



213.5280, -20.9663, 4.7989



208.0940, 20.6597, -46.5634



219.4090, 3.2494, 31.2133

Complementary

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



213.5280, -20.9663, 4.7989



176.4720, 20.9663, -4.7989

Split Complementary

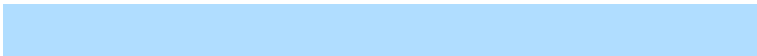
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.4700, 14.0653, 15.3738



213.5280, -20.9663, 4.7989



211.4210, 21.4844, -31.0642

Square

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



213.5280, -20.9663, 4.7989



206.0910, 11.7871, -47.4378



216.2930, 19.0826, -7.2730



216.6730, -7.2338, 33.6128

Rectangle

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



213.5280, -20.9663, 4.7989



208.7330, -5.2914, -29.5838



216.2930, 19.0826, -7.2730



220.0110, 6.8966, 28.0544

Sweetspot

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



213.5280, -20.9663, 4.7989



252.9480, -7.8624, 1.7996



185.3520, -7.0755, 29.5093



126.7460, -4.8048, 1.0998



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.



213.5280, -20.9663, 4.7989



247.4760, -28.8287, 6.5985



206.3520, -17.4285, -9.9557



108.7460, -4.8048, 1.0998



153.2780, -75.5661, 17.2962



40.7560, -20.0927, 4.5990

Inverse Universe

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



176.4720, 20.9663, -4.7989



196.5240, 28.8287, -6.5985



183.6480, 17.4285, 9.9557



100.2540, 4.8048, -1.0998



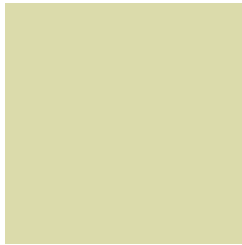
19.7220, 75.5661, -17.2962



5.2440, 20.0927, -4.5990

Previews

White Background



This preview shows how the YUV color 213.5280, -20.9663, 4.7989 looks on a white background.

Color Contrast Check

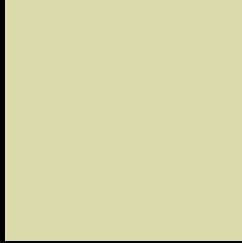
Large Text (above 18pt) WCAG AA × Fail

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 213.5280, -20.9663, 4.7989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

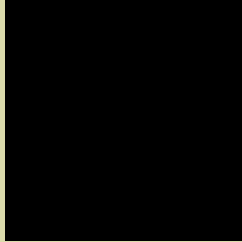
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

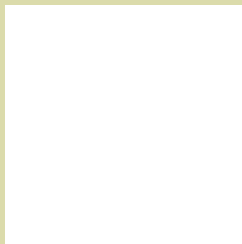
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.5280, -20.9663, 4.7989

Background



This preview shows how black text looks on a background with the YUV color 213.5280, -20.9663, 4.7989.



This preview shows how white text looks on a background with the YUV color 213.5280, -20.9663, 4.7989.

4.7989.

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

213.5280, -20.9663, 4.7989

Protanopia

214.8280, -22.5932, 13.3058

Deuteranopia

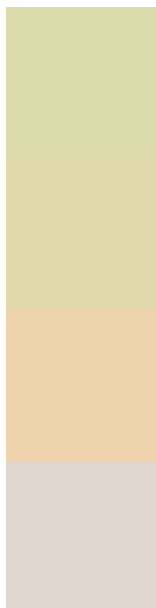
216.2800, -21.3370, 30.4494



Tritanopia

217.4230, 5.2145, 7.5220

Trichromacy



Original Color

213.5280, -20.9663, 4.7989

Protanomaly

214.3330, -21.8562, 10.2320

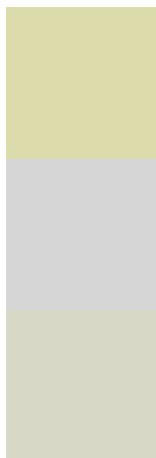
Deuteranomaly

214.9260, -21.1625, 21.1129

Tritanomaly

215.8930, -4.3842, 6.2328

Monochromacy



Original Color

213.5280, -20.9663, 4.7989

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9480, -7.8624, 1.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5280, -20.9663, 4.7989 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, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 171)  
}
```

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, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 171) }
```

Border

The CSS property to change the border of an element to YUV 213.5280, -20.9663, 4.7989 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, 219, 171) }
```


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

```
.border{ border-color:rgb(219, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 219, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 219, 171); box-shadow:4px 4px 4px 4px rgb(219, 219, 171) }
```

Background

The CSS property to change the background color of an element to YUV 213.5280, -20.9663, 4.7989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 219, 171) }
```

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

```
.background{ background-color: rgb(219,  
219, 171) }
```

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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