

Converting Colors

YUV(222.3200, -28.7518,
28.6604)

Have a look what the booklet for
YUV(222.3200, -28.7518, 28.6604)
contains.

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Color

**YUV(222.3200, -28.7518,
28.6604)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9A4
RGB	255, 217, 164
RGB Percent	100%, 85%, 64%
CMY	0.0000, 0.1490, 0.3569
CMYK	0.00, 0.15, 0.36, 0.00
HSL	35°, 100%, 82%
HSV	35°, 36%, 100%
XYZ	72.7537, 73.5660, 45.4871
YIQ	222.3200, 39.6610, -8.4270

Conversions

Conversions Part 2

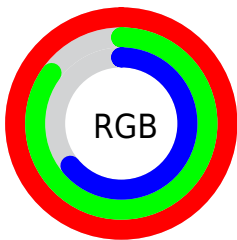
Format	Color
R _Y B	229, 255, 164
Decimal	16767396
CIE Lab	88.72, 6.01, 31.04
CIE LCh	89, 31.613, 79.037
Yxy	73.5660, 0.3793, 0.3835
Android (android.graphics.Color)	4294957476 (0xFFFFD9A4)
YUV	222.3200, -28.7518, 28.6604
Hunter-Lab	85.7707, 1.3114, 28.5960

Details

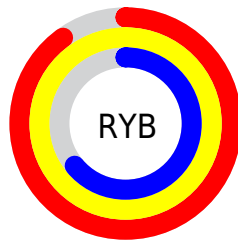
The YUV color $222.3200, -28.7518, 28.6604$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $196.6800, 28.7518, -28.6604$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8960, -15.7247, 3.5992$, and $166.7650, -26.9991, 26.5161$ is the 20% darker color. If you saturate the color by 10%, you get $213.0130, -36.4884, 36.8226$, and if you desaturate by 10%, it is $231.7410, -20.5783, 20.3981$.

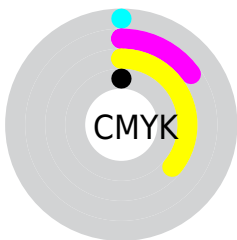
Distribution



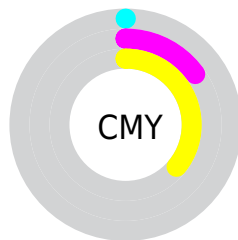
- Red (100%)
- Green (85%)
- Blue (64%)



- Red (90%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.3200, -28.7518, 28.6604 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 222.3200, -28.7518, 28.6604 by changing the saturation by 10% instead.

222.3200,
-28.7518, 28.6604

222.3200,
-28.7518, 28.6604

255.0000, 0.0000,
0.0000

194.1350,
-28.1676, 27.9456

250.8960,
-15.7247, 3.5992

166.7650,
-26.9991, 26.5161

254.2020, -3.0576,
0.6998

140.2810,
-26.2675, 25.1866

114.4980,
-25.3885, 23.2423

89.4270, -24.3675,
22.4275

65.5300, -23.9253,
20.5832

43.2030, -21.2991,

18.2390

■ 23.9880, -11.8261,
13.1655

■ 0.2990, -0.1474,
0.6148

■ 222.3200,
-28.7518, 28.6604

■ 222.3200,
-28.7518, 28.6604

■ 213.0130,
-36.4884, 36.8226

■ 231.7410,
-20.5783, 20.3981

■ 204.1790,
-44.9512, 44.5700

■ 240.4610,
-12.5523, 12.7507

■ 194.8720,
-52.6879, 52.7323

■ 249.8820, -4.3788,
4.4885

■ 185.4510,
-60.8613, 60.9945

255.0000, 0.0000,
0.0000

■ 176.6170,
-69.3242, 68.7419

■ 167.3100,
-77.0608, 76.9041

■ 163.7080,
-80.7080, 80.0631

Harmonies

Analogous

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



218.0460, -19.7427, 32.4087



222.3200, -28.7518, 28.6604



219.3340, -26.7867, 4.9691

Triad

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



222.3200, -28.7518, 28.6604



208.7190, 15.9145, -64.6516



226.8020, 13.9016, 21.2216

Complementary

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



222.3200, -28.7518, 28.6604



196.6800, 28.7518, -28.6604

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.



221.0110, 16.7566, -7.9026



222.3200, -28.7518, 28.6604



209.1630, 22.5976, -61.5330

Square

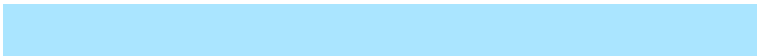
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.3200, -28.7518, 28.6604



211.1760, -0.5798, -47.5124



214.3230, 20.0538, -38.8713



221.6090, 6.6018, 29.2839

Rectangle

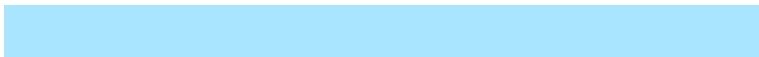
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.3200, -28.7518, 28.6604



216.5320, -20.4753, -12.7446



214.3230, 20.0538, -38.8713



224.9750, 14.8023, 12.2999

Sweetspot

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



222.3200, -28.7518, 28.6604



244.7640, -8.7577, 8.9770



195.6550, 3.6211, 52.0456



121.9530, -5.3998, 5.3032



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.



222.3200, -28.7518, 28.6604



215.4580, -34.7358, 34.6783



242.8320, -38.8642, 5.4093



122.9960, -3.9420, 4.3885



122.2660, -60.2771, 60.2797



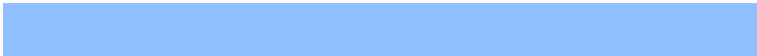
40.8550, -20.1415, 20.2982

Inverse Universe

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



196.6800, 28.7518, -28.6604



184.5420, 34.7358, -34.6783



176.1680, 38.8642, -5.4093



119.4170, 4.2314, -3.8737



68.7340, 60.2771, -60.2797



23.1450, 20.1415, -20.2982

Previews

White Background



This preview shows how the YUV color 222.3200, -28.7518, 28.6604 looks on a white background.

Color Contrast Check

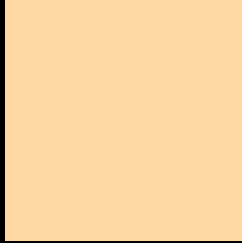
Large Text (above 18pt) WCAG AA × Fail

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 222.3200, -28.7518, 28.6604 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 222.3200, -28.7518, 28.6604 Background



This preview shows how black text looks on a background with the YUV color 222.3200, -28.7518, 28.6604.



This preview shows how white text looks on a background with the YUV color 222.3200, -28.7518,

28.6604.

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

222.3200, -28.7518, 28.6604

Protanopia

221.2860, -27.2560, 15.5352

Deuteranopia

223.5570, -21.4736, 27.5755



Tritanopia

226.3390, -0.6601, 25.1357

Trichromacy



Original Color

222.3200, -28.7518, 28.6604

Protanomaly

221.7920, -27.9985, 20.3534

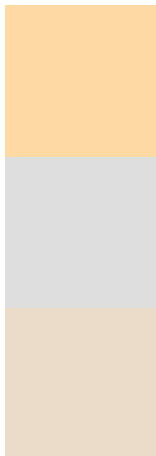
Deuteranomaly

222.8730, -24.0944, 28.1754

Tritanomaly

225.0050, -10.8485, 26.3056

Monochromacy



Original Color

222.3200, -28.7518, 28.6604

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.0200, -10.3629, 10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.3200, -28.7518, 28.6604 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(255, 217, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 164)  
}
```

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(255, 217, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 164) }
```

Border

The CSS property to change the border of an element to YUV 222.3200, -28.7518, 28.6604 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(255, 217, 164) }
```


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

```
.border{ border-color:rgb(255, 217, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 222.3200, -28.7518, 28.6604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 164) }
```

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

```
.background{ background-color: rgb(255,  
217, 164) }
```

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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