

Converting Colors

YUV(228.5500, -20.9772,
8.2876)

Have a look what the booklet for
YUV(228.5500, -20.9772, 8.2876)
contains.

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Color

**YUV(228.5500, -20.9772,
8.2876)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE8BA
RGB	238, 232, 186
RGB Percent	93%, 91%, 73%
CMY	0.0667, 0.0902, 0.2706
CMYK	0.00, 0.03, 0.22, 0.07
HSL	53°, 60%, 83%
HSV	53°, 22%, 93%
XYZ	72.9794, 79.4355, 57.9405
YIQ	228.5500, 18.3420, -13.0340

Conversions

Conversions Part 2

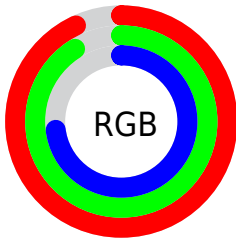
Format	Color
RYB	193, 238, 186
Decimal	15657146
CIELab	91.43, -5.21, 23.16
CIELCh	91, 23.735, 102.689
Yxy	79.4355, 0.3469, 0.3776
Android (android.graphics.Color)	4293847226 (0xFFEEE8BA)
YUV	228.5500, -20.9772, 8.2876
Hunter-Lab	89.1266, -9.8107, 23.8447

Details

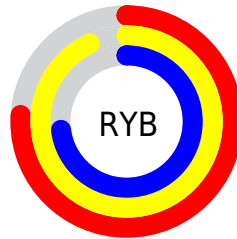
The YUV color $228.5500, -20.9772, 8.2876$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $195.4500, 20.9772, -8.2876$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, -5.6784, 1.2997$, and $172.8920, -19.6668, 7.9877$ is the 20% darker color. If you saturate the color by 10%, you get $224.0530, -30.5921, 12.2315$, and if you desaturate by 10%, it is $233.0470, -11.3622, 4.3438$.

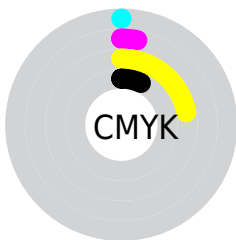
Distribution



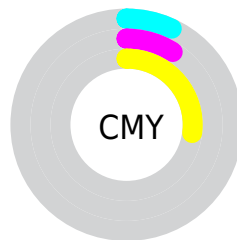
- Red (93%)
- Green (91%)
- Blue (73%)



- Red (76%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.5500, -20.9772, 8.2876 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 228.5500, -20.9772, 8.2876 by changing the saturation by 10% instead.

■ 228.5500,
-20.9772, 8.2876

■ 228.5500,
-20.9772, 8.2876

255.0000, 0.0000,
0.0000

■ 200.3650,
-20.3929, 7.5729

■ 253.5180, -5.6784,
1.2997

■ 172.8920,
-19.6668, 7.9877

■ 146.2940,
-19.3719, 6.7582

■ 120.5220,
-18.4983, 6.5582

■ 95.6360, -18.0615,
6.4582

■ 71.5650, -17.0405,
5.6435

■ 48.9670, -16.7457,

4.4139

■ 28.6510, -14.1249,
3.8141

■ 5.2830, -2.6045,
-4.6332

■ 228.5500,
-20.9772, 8.2876

■ 228.5500,
-20.9772, 8.2876

■ 224.0530,
-30.5921, 12.2315

■ 233.0470,
-11.3622, 4.3438

■ 220.1430,
-40.4965, 15.6606

■ 236.9570, -1.4578,
0.9147

■ 215.7600,
-49.6747, 19.5045

■ 241.1120, 6.8468,
-2.7292

■ 211.2630,
-59.2897, 23.4483

■ 242.8730, 5.9786,
-4.2736

■ 206.7660,
-68.9046, 27.3922

■ 244.6340, 5.1104,
-5.8180

■ 202.8560,
-78.8090, 30.8213

■ 245.8080, 4.5317,
-6.8476

■ 198.3590,
-88.4240, 34.7652

■ 247.5690, 3.6635,
-8.3920

■ 195.0190,
-96.1444, 37.6943

■ 249.3300, 2.7953,
-9.9364

■ 249.9170, 2.5059,
-10.4512

Harmonies

Analogous

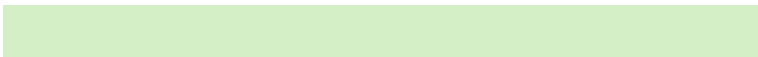
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.1650, -20.2943, 22.6573



228.5500, -20.9772, 8.2876



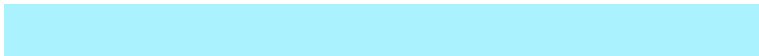
225.5520, -14.0761, -11.8851

Triad

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



228.5500, -20.9772, 8.2876



222.2530, 16.1443, -44.9489



230.9670, 6.9183, 21.0769

Complementary

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



228.5500, -20.9772, 8.2876



195.4500, 20.9772, -8.2876

Split Complementary

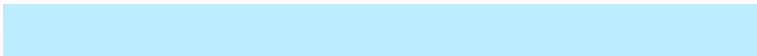
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.3510, 11.1660, 11.9702



228.5500, -20.9772, 8.2876



223.8140, 15.3747, -31.4089

Square

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



228.5500, -20.9772, 8.2876



221.7170, 9.0135, -44.4788



228.3760, 13.1256, -9.9768



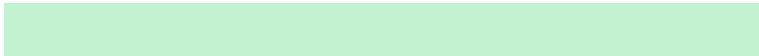
227.6440, -3.2755, 23.9912

Rectangle

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



228.5500, -20.9772, 8.2876



224.1850, -7.4862, -25.5952



228.3760, 13.1256, -9.9768



232.3520, 9.6865, 19.8623

Sweetspot

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



228.5500, -20.9772, 8.2876



251.7740, -7.2836, 2.8292



202.2320, -5.0444, 31.3685



125.5720, -4.2260, 2.1294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

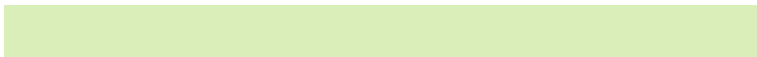
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.5500, -20.9772, 8.2876



242.7800, -26.5135, 10.7169



226.0920, -19.7654, -7.0967



117.4580, -4.6628, 2.2293



150.1100, -74.0042, 29.7215



46.0940, -22.7243, 8.6876

Inverse Universe

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



195.4500, 20.9772, -8.2876



200.6330, 26.8029, -10.2021



197.9080, 19.7654, 7.0967



109.9550, 4.9522, -1.7145



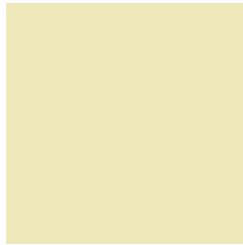
33.3030, 74.2936, -29.2067



9.9060, 22.7243, -8.6876

Previews

White Background



This preview shows how the YUV color 228.5500, -20.9772, 8.2876 looks on a white background.

Color Contrast Check

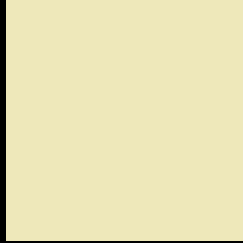
Large Text (above 18pt) WCAG AA × Fail

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 228.5500, -20.9772, 8.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

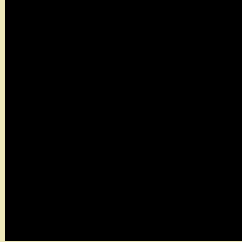
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

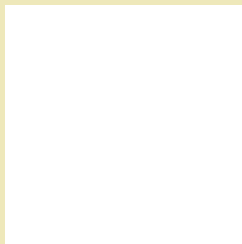
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.5500, -20.9772, 8.2876

Background



This preview shows how black text looks on a background with the YUV color 228.5500, -20.9772, 8.2876.



This preview shows how white text looks on a background with the YUV color 228.5500, -20.9772, 8.2876.

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

228.5500, -20.9772, 8.2876

Protanopia

229.0560, -21.7196, 13.1059

Deuteranopia

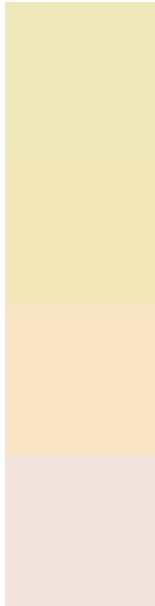
231.5760, -13.5950, 20.5428



Tritanopia

232.3310, 4.7668, 11.1107

Trichromacy



Original Color

228.5500, -20.9772, 8.2876

Protanomaly

229.0450, -21.7142, 11.3615

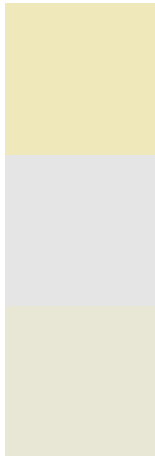
Deuteranomaly

230.7450, -16.6363, 16.0096

Tritanomaly

230.9150, -4.3951, 9.7215

Monochromacy



Original Color

228.5500, -20.9772, 8.2876

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.6600, -7.7204, 2.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.5500, -20.9772, 8.2876 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(238, 232, 186)` looks like.

```
.text, #text, p{  
    color:rgb(238, 232, 186)  
}
```

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(238, 232, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 232, 186) }
```

Border

The CSS property to change the border of an element to YUV 228.5500, -20.9772, 8.2876 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(238, 232, 186) }
```


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

```
.border{ border-color:rgb(238, 232, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 232, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 232, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 232, 186);  
box-shadow:4px 4px 4px 4px rgb(238, 232,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 228.5500, -20.9772, 8.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 232, 186) }
```

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

```
.background{ background-color: rgb(238,  
232, 186) }
```

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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