

Converting Colors

YUV(208.0570, -26.6501,
7.8430)

Have a look what the booklet for
YUV(208.0570, -26.6501, 7.8430)
contains.

YUV(208.0570, -26.6501, 7.8430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(208.0570, -26.6501,
7.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D69A
RGB	217, 214, 154
RGB Percent	85%, 84%, 60%
CMY	0.1490, 0.1608, 0.3961
CMYK	0.00, 0.01, 0.29, 0.15
HSL	57°, 45%, 73%
HSV	57°, 29%, 85%
XYZ	58.4946, 65.1779, 40.0695
YIQ	208.0570, 21.0480, -18.0240

Conversions

Conversions Part 2

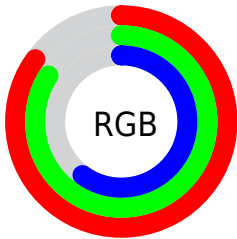
Format	Color
RYB	157, 217, 154
Decimal	14276250
CIELab	84.58, -8.21, 30.08
CIELCh	85, 31.184, 105.272
Yxy	65.1779, 0.3572, 0.3981
Android (android.graphics.Color)	4292466330 (0xFFD9D69A)
YUV	208.0570, -26.6501, 7.8430
Hunter-Lab	80.7329, -11.9512, 27.0861

Details

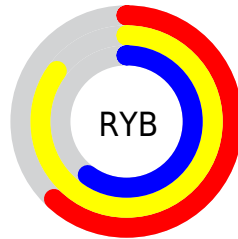
The YUV color $208.0570, -26.6501, 7.8430$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $162.9430, 26.6501, -7.8430$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7560, -20.0927, 4.5990$, and $153.1000, -25.1923, 6.9283$ is the 20% darker color. If you saturate the color by 10%, you get $204.9620, -35.9703, 10.5573$, and if you desaturate by 10%, it is $211.1520, -17.3299, 5.1287$.

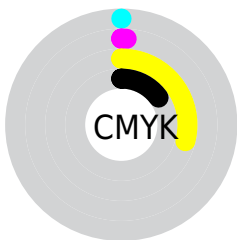
Distribution



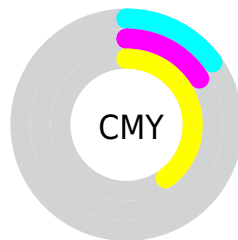
- Red (85%)
- Green (84%)
- Blue (60%)



- Red (62%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.0570, -26.6501, 7.8430 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 208.0570, -26.6501, 7.8430 by changing the saturation by 10% instead.

■ 208.0570,
-26.6501, 7.8430

■ 208.0570,
-26.6501, 7.8430

■ 255.0000, 0.0000,
0.0000

■ 180.2850,
-25.7765, 7.6431

■ 249.7560,
-20.0927, 4.5990

■ 153.1000,
-25.1923, 6.9283

■ 252.9480, -7.8624,
1.7996

■ 127.3280,
-24.3187, 6.7283

■ 102.1430,
-23.7345, 6.0136

■ 77.6590, -23.0029,
4.6841

■ 54.3600, -22.8555,
4.0693

■ 33.9560, -16.7403,

2.6696

■ 12.9360, -6.3774,
-7.8369

■ 0.0000, 0.0000,
0.0000

■ 208.0570,
-26.6501, 7.8430

■ 208.0570,
-26.6501, 7.8430

■ 204.9620,
-35.9703, 10.5573

■ 211.1520,
-17.3299, 5.1287

■ 201.9810,
-44.8536, 13.1717

■ 214.1330, -8.4466,
2.5144

■ 198.8860,
-54.1738, 15.8860

■ 217.2280, 0.8736,
-0.2000

■ 195.7910,
-63.4940, 18.6003

■ 220.3230, 10.1938,
-2.9143

■ 192.8100,
-72.3773, 21.2146

■ 222.5060, 16.0195,
-4.8288

■ 189.7150,
-81.6975, 23.9289

■ 223.0930, 15.7302,
-5.3436

■ 186.6200,
-91.0177, 26.6433

■ 223.6800, 15.4408,
-5.8584

■ 186.3920,
-91.8913, 26.8432

■ 224.2670, 15.1514,
-6.3732

■ 224.8540, 14.8620,
-6.8880

Harmonies

Analogous

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



210.9720, -27.5942, 30.7196



208.0570, -26.6501, 7.8430



204.5960, -17.5488, -18.0627

Triad

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



208.0570, -26.6501, 7.8430



198.4770, 26.3868, -63.5623



214.2400, 6.2907, 35.7465

Complementary

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



208.0570, -26.6501, 7.8430



162.9430, 26.6501, -7.8430

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.



215.0340, 18.7172, 16.6332



208.0570, -26.6501, 7.8430



203.0820, 25.5956, -43.0449

Square

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



208.0570, -26.6501, 7.8430



197.1600, 13.7251, -62.4073



210.3570, 22.0090, -12.5911



210.2330, -6.5239, 39.2607

Rectangle

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



208.0570, -26.6501, 7.8430



201.4180, -7.6011, -35.4466



210.3570, 22.0090, -12.5911



215.8420, 9.9379, 32.5876

Sweetspot

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



208.0570, -26.6501, 7.8430



251.7910, -9.7570, 2.8143



173.1790, -7.9762, 38.4310



125.7030, -6.2626, 2.0145



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.



208.0570, -26.6501, 7.8430



242.5060, -37.7175, 10.9572



201.4460, -23.3909, -10.9151



108.1590, -4.5154, 1.6146



148.5820, -73.2509, 21.4146



39.5820, -19.5139, 5.6286

Inverse Universe

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



162.9430, 26.6501, -7.8430



178.4940, 37.7175, -10.9572



169.5540, 23.3909, 10.9151



100.2540, 4.8048, -1.0998



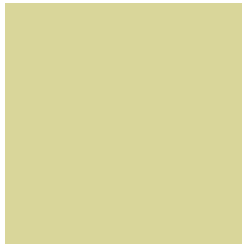
24.4180, 73.2509, -21.4146



6.4180, 19.5139, -5.6286

Previews

White Background



This preview shows how the YUV color 208.0570, -26.6501, 7.8430 looks on a white background.

Color Contrast Check

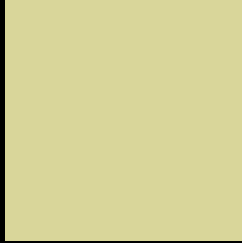
Large Text (above 18pt) WCAG AA × Fail

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 208.0570, -26.6501, 7.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

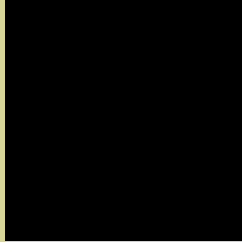
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.0570, -26.6501, 7.8430

Background



This preview shows how black text looks on a background with the YUV color 208.0570, -26.6501, 7.8430.



This preview shows how white text looks on a background with the YUV color 208.0570, -26.6501, 7.8430.

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

208.0570, -26.6501, 7.8430

Protanopia

209.1720, -27.6928, 15.6352

Deuteranopia

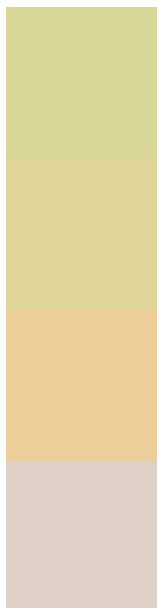
210.8090, -27.0208, 33.4935



Tritanopia

212.8040, 4.0406, 10.6959

Trichromacy



Original Color

208.0570, -26.6501, 7.8430

Protanomaly

208.5630, -27.3926, 12.6612

Deuteranomaly

209.4550, -26.8463, 24.1570

Tritanomaly

210.9320, -6.8685, 9.7066

Monochromacy



Original Color

208.0570, -26.6501, 7.8430

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

207.7910, -9.7570, 2.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.0570, -26.6501, 7.8430 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(217, 214, 154)` looks like.

```
.text, #text, p{  
    color:rgb(217, 214, 154)  
}
```

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(217, 214, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 214, 154) }
```

Border

The CSS property to change the border of an element to YUV 208.0570, -26.6501, 7.8430 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(217, 214, 154) }
```


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

```
.border{ border-color:rgb(217, 214, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 214, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 214, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 214, 154);  
box-shadow:4px 4px 4px 4px rgb(217, 214,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 208.0570, -26.6501, 7.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 214, 154) }
```

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

```
.background{ background-color: rgb(217,  
214, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor