

Converting Colors

YUV(208.7970, -25.5359,
23.8570)

Have a look what the booklet for
YUV(208.7970, -25.5359, 23.8570)
contains.

YUV(208.7970, -25.5359, 23.8570)	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(208.7970, -25.5359,
23.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCD9D
RGB	236, 205, 157
RGB Percent	93%, 80%, 62%
CMY	0.0745, 0.1961, 0.3843
CMYK	0.00, 0.13, 0.33, 0.07
HSL	36°, 68%, 77%
HSV	36°, 33%, 93%
XYZ	62.5092, 63.9298, 40.9434
YIQ	208.7970, 33.8840, -8.3560

Conversions

Conversions Part 2

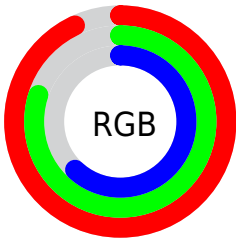
Format	Color
R _Y B	208, 236, 157
Decimal	15519133
CIE Lab	83.93, 4.09, 27.93
CIE LCh	84, 28.232, 81.678
Yxy	63.9298, 0.3735, 0.3819
Android (android.graphics.Color)	4293709213 (0xFFECCD9D)
YUV	208.7970, -25.5359, 23.8570
Hunter-Lab	79.9561, -0.3731, 25.6085

Details

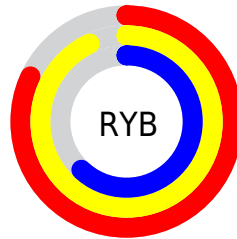
The YUV color $208.7970, -25.5359, 23.8570$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $184.2030, 25.5359, -23.8570$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0980, -18.7823, 4.2991$, and $154.1280, -24.2201, 21.8127$ is the 20% darker color. If you saturate the color by 10%, you get $200.7780, -33.4146, 30.8897$, and if you desaturate by 10%, it is $216.8160, -17.6573, 16.8244$.

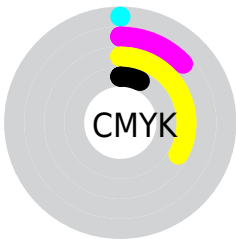
Distribution



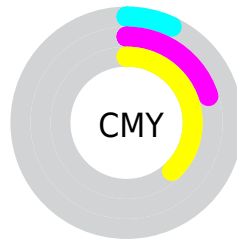
- Red (93%)
- Green (80%)
- Blue (62%)



- Red (82%)
- Yellow (93%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.7970, -25.5359, 23.8570 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 208.7970, -25.5359, 23.8570 by changing the saturation by 10% instead.

■ 208.7970,
-25.5359, 23.8570

■ 208.7970,
-25.5359, 23.8570

■ 255.0000, 0.0000,
0.0000

■ 181.3130,
-24.8043, 22.5275

■ 250.0980,
-18.7823, 4.2991

■ 154.1280,
-24.2201, 21.8127

■ 253.2900, -6.5520,
1.4997

■ 128.0570,
-23.1991, 20.9980

■ 102.5730,
-22.4675, 19.6685

■ 78.2030, -21.2991,
18.2390

■ 54.8930, -21.1462,
15.8798

■ 34.3210, -16.9203,

13.7505

■ 13.3450, -6.5791,
10.2214

■ 0.0000, 0.0000,
0.0000

■ 208.7970,
-25.5359, 23.8570

■ 208.7970,
-25.5359, 23.8570

■ 200.7780,
-33.4146, 30.8897

■ 216.8160,
-17.6573, 16.8244

■ 192.2860,
-40.5670, 38.3372

■ 225.3080,
-10.5048, 9.3769

■ 184.2670,
-48.4456, 45.3698

■ 233.3270, -2.6262,
2.3442

■ 176.3620,
-55.8875, 52.3025

■ 241.2320, 4.8156,
-4.5885

■ 168.3430,
-63.7661, 59.3352

■ 246.9710, 3.9583,
-9.6216

■ 159.7370,
-71.3553, 66.8827

■ 249.3190, 2.8007,
-11.6808

■ 154.5050,
-76.1710, 71.4711

Harmonies

Analogous

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



210.5630, -20.4906, 38.9712



208.7970, -25.5359, 23.8570



206.3490, -22.8501, 2.3249

Triad

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



208.7970, -25.5359, 23.8570



197.2470, 15.1612, -56.3446



213.3180, 14.6332, 19.8921

Complementary

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



208.7970, -25.5359, 23.8570



184.2030, 25.5359, -23.8570

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.



210.4010, 21.9873, -5.6137



208.7970, -25.5359, 23.8570



199.7880, 24.7545, -53.3111

Square

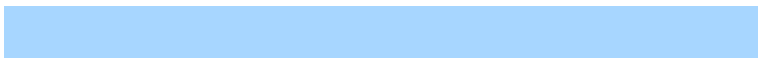
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208.7970, -25.5359, 23.8570



199.2520, 0.8618, -43.1940



204.6210, 24.8368, -32.9936



213.2140, 2.3595, 36.6463

Rectangle

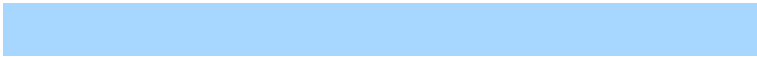
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208.7970, -25.5359, 23.8570



203.4440, -16.9809, -13.5444



204.6210, 24.8368, -32.9936



213.0720, 17.7125, 12.2149

Sweetspot

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



208.7970, -25.5359, 23.8570



246.2800, -8.0260, 7.6474



184.2690, 2.3324, 45.3681



122.0670, -4.9630, 5.2032



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.



208.7970, -25.5359, 23.8570



219.8920, -32.9778, 30.7897



224.6020, -33.3278, 2.9800



113.3980, -3.6472, 3.1590



118.6890, -58.5137, 54.6467



35.5170, -17.5099, 16.2096

Inverse Universe

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



184.2030, 25.5359, -23.8570



188.1080, 32.9778, -30.7897



168.3980, 33.3278, -2.9800



109.6020, 3.6472, -3.1590



62.3110, 58.5137, -54.6467



18.4830, 17.5099, -16.2096

Previews

White Background



This preview shows how the YUV color 208.7970, -25.5359, 23.8570 looks on a white background.

Color Contrast Check

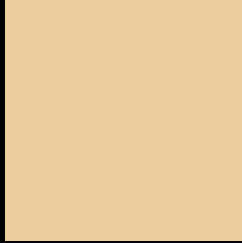
Large Text (above 18pt) WCAG AA × Fail

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 208.7970, -25.5359, 23.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

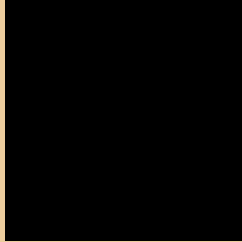
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.7970, -25.5359, 23.8570

Background



This preview shows how black text looks on a background with the YUV color 208.7970, -25.5359, 23.8570.



This preview shows how white text looks on a background with the YUV color 208.7970, -25.5359, 23.8570.

23.8570.

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

208.7970, -25.5359, 23.8570

Protanopia

207.7850, -24.0510, 14.2206

Deuteranopia

209.8520, -25.5630, 32.5788



Tritanopia

212.8660, 0.0661, 25.5505

Trichromacy



Original Color

208.7970, -25.5359, 23.8570

Protanomaly

208.2800, -24.7880, 17.2944

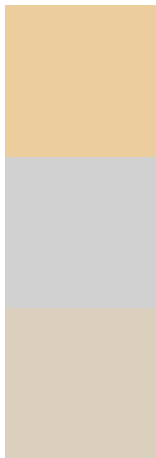
Deuteranomaly

209.2430, -25.2628, 29.6049

Tritanomaly

211.7490, -9.2433, 24.7761

Monochromacy



Original Color

208.7970, -25.5359, 23.8570

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.2370, -9.4838, 8.5622

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.7970, -25.5359, 23.8570 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(236, 205, 157)` looks like.

```
.text, #text, p{  
    color:rgb(236, 205, 157)  
}
```

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(236, 205, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 205, 157) }
```

Border

The CSS property to change the border of an element to YUV 208.7970, -25.5359, 23.8570 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(236, 205, 157) }
```


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

```
.border{ border-color:rgb(236, 205, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 205, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 205, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 205, 157);  
box-shadow:4px 4px 4px 4px rgb(236, 205,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 208.7970, -25.5359, 23.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 205, 157) }
```

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

```
.background{ background-color: rgb(236,  
205, 157) }
```

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