

Converting Colors

YUV(209.7350, -4.7994, -0.6446)

Have a look what the booklet for
YUV(209.7350, -4.7994, -0.6446)
contains.

YUV(209.7350, -4.7994, -0.6446)	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(209.7350, -4.7994,
-0.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D4C8
RGB	209, 212, 200
RGB Percent	82%, 83%, 78%
CMY	0.1804, 0.1686, 0.2157
CMYK	0.01, 0.00, 0.06, 0.17
HSL	75°, 12%, 81%
HSV	75°, 6%, 83%
XYZ	60.2633, 64.8124, 63.9774
YIQ	209.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

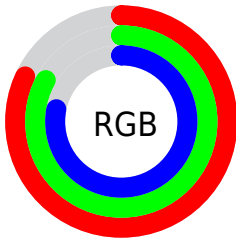
Format	Color
R _Y B	200, 212, 203
Decimal	13751496
CIE Lab	84.39, -3.16, 5.57
CIE LCh	84, 6.400, 119.567
Yxy	64.8124, 0.3188, 0.3428
Android (android.graphics.Color)	4291941576 (0xFFD1D4C8)
YUV	209.7350, -4.7994, -0.6446
Hunter-Lab	80.5062, -7.2687, 9.2372

Details

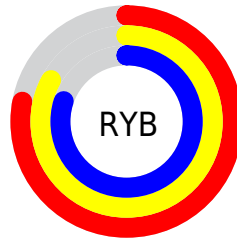
The YUV color $209.7350, -4.7994, -0.6446$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $202.2650, 4.7994, 0.6446$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $155.1480, -4.5100, -0.1298$ is the 20% darker color. If you saturate the color by 10%, you get $205.8460, -13.2351, -1.6189$, and if you desaturate by 10%, it is $213.6240, 3.6364, 0.3298$.

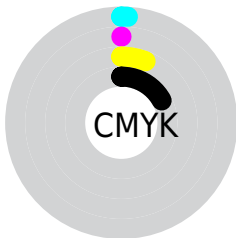
Distribution



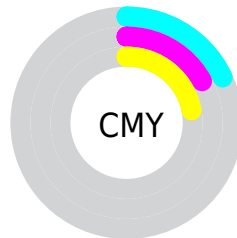
- Red (82%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.7350, -4.7994, -0.6446 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 209.7350, -4.7994, -0.6446 by changing the saturation by 10% instead.

■ 209.7350, -4.7994,
-0.6446

■ 209.7350, -4.7994,
-0.6446

255.0000, 0.0000,
0.0000

■ 181.8490, -4.3626,
-0.7446

■ 155.1480, -4.5100,
-0.1298

■ 129.1480, -4.5100,
-0.1298

■ 104.2620, -4.0732,
-0.2298

■ 79.9630, -3.9258,
-0.8446

■ 57.3760, -3.6364,
-0.3298

■ 35.4900, -3.1996,

-0.4297

■ 14.3930, -6.1097,
-0.3447

■ 0.0000, 0.0000,
0.0000

■ 209.7350, -4.7994,
-0.6446

■ 209.7350, -4.7994,
-0.6446

■ 205.8460,
-13.2351, -1.6189

■ 213.6240, 3.6364,
0.3298

■ 201.6580,
-21.5234, -3.2081

■ 217.8120, 11.9247,
1.9189

■ 197.6550,
-30.3959, -4.0824

■ 220.7890, 16.8660,
3.6930

■ 193.7660,
-38.8316, -5.0568

■ 222.2840, 16.1290,
6.7669

■ 189.5780,
-47.1200, -6.6459

■ 224.0780, 15.2445,
10.4556

■ 185.6890,
-55.5557, -7.6203

■ 225.5730, 14.5075,
13.5295

■ 181.8000,
-63.9914, -8.5946

■ 227.0680, 13.7705,
16.6034

■ 177.7970,
-72.8639, -9.4690

■ 228.5630, 13.0334,
19.6772

■ 173.6090,
-81.1522, -11.0581

■ 229.7590, 12.4438,
22.1364

Harmonies

Analogous

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



210.5400, -5.6892, 4.7884



209.7350, -4.7994, -0.6446



209.2720, -2.5991, -6.3775

Triad

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



209.7350, -4.7994, -0.6446



209.7260, 5.5581, -9.4067



212.2400, -0.6113, 9.4365

Complementary

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



209.7350, -4.7994, -0.6446



202.2650, 4.7994, 0.6446

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.



211.7280, 2.5991, 6.3775



209.7350, -4.7994, -0.6446



210.1610, 5.8366, -5.4032

Square

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



209.7350, -4.7994, -0.6446



208.8460, 3.5269, -11.2659



211.2650, 4.7994, 0.6446



211.8550, -3.3795, 10.6512

Rectangle

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



209.7350, -4.7994, -0.6446



208.8310, -0.4097, -8.6218



211.2650, 4.7994, 0.6446



212.1690, 0.4097, 8.6218

Sweetspot

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



209.7350, -4.7994, -0.6446



254.1310, -2.0366, -0.1149



205.3490, -2.6371, 5.8329



127.3590, -1.1630, -0.3148



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.



209.7350, -4.7994, -0.6446



251.7520, -7.2727, -0.6595



207.9410, -3.9149, -4.3333



105.4900, -3.1996, -0.4297



138.6490, -68.3540, -9.3392



35.1080, -17.3082, -1.8487

Inverse Universe

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



202.2650, 4.7994, 0.6446



240.5470, 7.1253, 1.2743



204.0590, 3.9149, 4.3333



100.5100, 3.1996, 0.4297



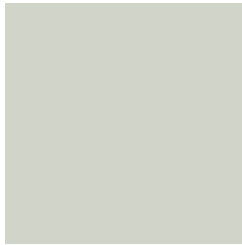
32.3510, 68.3540, 9.3392



8.1910, 17.1608, 2.4635

Previews

White Background



This preview shows how the YUV color 209.7350, -4.7994, -0.6446 looks on a white background.

Color Contrast Check

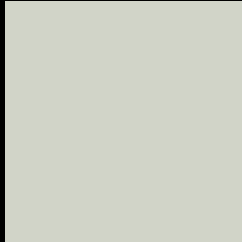
Large Text (above 18pt) WCAG AA × Fail

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 209.7350, -4.7994, -0.6446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

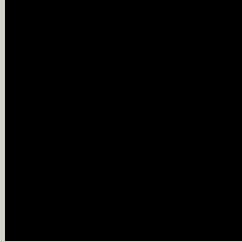
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

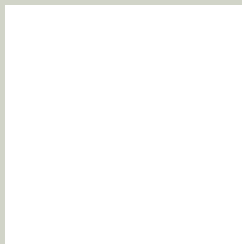
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 209.7350, -4.7994, -0.6446

Background



This preview shows how black text looks on a background with the YUV color 209.7350, -4.7994, -0.6446.



This preview shows how white text looks on a background with the YUV color 209.7350, -4.7994, -0.6446.

-0.6446.

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

209.7350, -4.7994, -0.6446

Protanopia

210.8390, -5.8366, 5.4032

Deuteranopia

212.1550, -5.0064, 19.1581



Tritanopia

211.4330, 6.6885, 1.3743

Trichromacy



Original Color

209.7350, -4.7994, -0.6446

Protanomaly

210.5290, -5.6838, 3.0441

Deuteranomaly

211.1110, -4.9847, 12.1807

Tritanomaly

210.6950, 2.6154, 1.1445

Monochromacy



Original Color

209.7350, -4.7994, -0.6446

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.7350, -4.7994, -0.6446 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(209, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(209, 212, 200)  
}
```

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(209, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 212, 200) }
```

Border

The CSS property to change the border of an element to YUV 209.7350, -4.7994, -0.6446 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(209, 212, 200) }
```


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

```
.border{ border-color:rgb(209, 212, 200) }
```

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

Here you see how a box with a 4 pixel rgb(209, 212, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(209, 212,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 209.7350, -4.7994, -0.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 212, 200) }
```

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

```
.background{ background-color: rgb(209,  
212, 200) }
```

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