

Converting Colors

YUV(204.0610, -2.4951, 6.9625)

Have a look what the booklet for
YUV(204.0610, -2.4951, 6.9625)
contains.

YUV(204.0610, -2.4951, 6.9625)	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(204.0610, -2.4951,
6.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C9C7
RGB	212, 201, 199
RGB Percent	83%, 79%, 78%
CMY	0.1686, 0.2118, 0.2196
CMYK	0.00, 0.05, 0.06, 0.17
HSL	9°, 13%, 81%
HSV	9°, 6%, 83%
XYZ	58.3468, 59.8939, 62.5183
YIQ	204.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

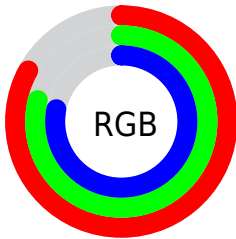
Format	Color
R _Y B	212, 201, 199
Decimal	13945287
CIE Lab	81.78, 3.47, 2.36
CIE LCh	82, 4.198, 34.140
Yxy	59.8939, 0.3228, 0.3313
Android (android.graphics.Color)	4292135367 (0xFFD4C9C7)
YUV	204.0610, -2.4951, 6.9625
Hunter-Lab	77.3911, -0.8595, 6.2780

Details

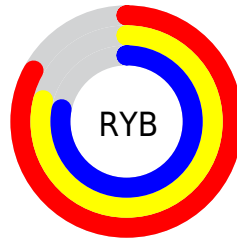
The YUV color $204.0610, -2.4951, 6.9625$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $206.9390, 2.4951, -6.9625$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $149.7620, -2.3477, 6.3477$ is the 20% darker color. If you saturate the color by 10%, you get $191.1010, -6.4588, 18.3284$, and if you desaturate by 10%, it is $217.0210, 1.4686, -4.4034$.

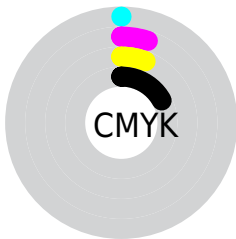
Distribution



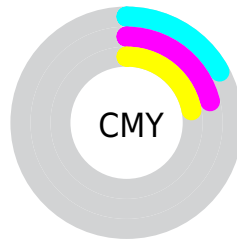
- Red (83%)
- Green (79%)
- Blue (78%)



- Red (83%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.0610, -2.4951, 6.9625 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 204.0610, -2.4951, 6.9625 by changing the saturation by 10% instead.

■ 204.0610, -2.4951,
6.9625

■ 204.0610, -2.4951,
6.9625

255.0000, 0.0000,
0.0000

■ 176.7620, -2.3477,
6.3477

■ 149.7620, -2.3477,
6.3477

■ 123.8760, -1.9109,
6.2477

■ 99.4630, -2.2003,
5.7329

■ 75.4630, -2.2003,
5.7329

■ 52.5770, -1.7635,
5.6330

■ 31.2780, -1.6161,

5.0182

■ 7.5450, -3.2267,
8.2920

■ 0.0000, 0.0000,
0.0000

■ 204.0610, -2.4951,
6.9625

■ 204.0610, -2.4951,
6.9625

■ 191.1010, -6.4588,
18.3284

■ 217.0210, 1.4686,
-4.4034

■ 178.1410,
-10.4225, 29.6943

■ 229.9810, 5.4324,
-15.7693

■ 165.0670,
-14.8230, 41.1602

■ 242.1430, 6.3385,
-26.4354

■ 152.1070,
-18.7868, 52.5262

■ 139.1470,
-22.7505, 63.8921

■ 126.1870,
-26.7142, 75.2580

■ 113.2270,
-30.6779, 86.6239

■ 100.1530,
-35.0784, 98.0898

■ 87.7800, -39.3315,
108.9409

Harmonies

Analogous

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



204.5170, -0.7479, 6.5626



204.0610, -2.4951, 6.9625



203.7080, -3.8000, 5.5181

Triad

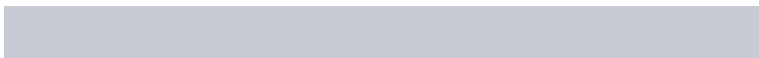
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204.0610, -2.4951, 6.9625



202.0380, -1.0047, -4.4183



203.0150, 3.9366, -2.6442

Complementary

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



204.0610, -2.4951, 6.9625



206.9390, 2.4951, -6.9625

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.



202.8790, 3.5107, -6.0329



204.0610, -2.4951, 6.9625



202.4830, 0.7479, -6.5626

Square

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



204.0610, -2.4951, 6.9625



202.6040, -2.7628, -0.5297



202.0530, 2.9319, -7.0625



203.8090, 3.0522, 1.0445

Rectangle

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



204.0610, -2.4951, 6.9625



203.6970, -3.7946, 3.7737



202.0530, 2.9319, -7.0625



203.3030, 3.7946, -3.7737

Sweetspot

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



204.0610, -2.4951, 6.9625



252.0820, -1.0264, 2.5591



204.1410, 2.8885, 6.8923



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000



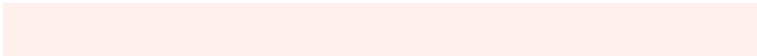
128.0000, 0.0000, 0.0000

Same Dimension

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



204.0610, -2.4951, 6.9625



244.1430, -3.5215, 9.5216



207.5830, -4.2314, 3.8737



101.9790, -1.4686, 4.4034



66.3910, -32.7308, 91.7421



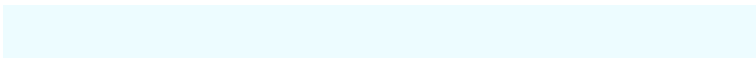
16.9660, -8.3642, 22.8318

Inverse Universe

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



206.9390, 2.4951, -6.9625



247.8570, 3.5215, -9.5216



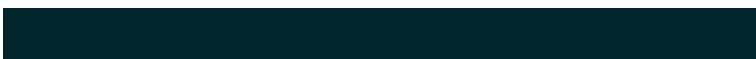
203.4170, 4.2314, -3.8737



104.0210, 1.4686, -4.4034



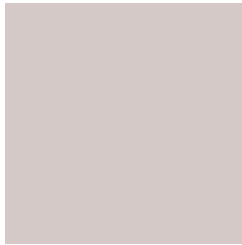
104.6090, 32.7308, -91.7421



26.6210, 8.0748, -23.3466

Previews

White Background



This preview shows how the YUV color 204.0610, -2.4951, 6.9625 looks on a white background.

Color Contrast Check

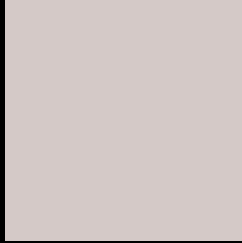
Large Text (above 18pt) WCAG AA × Fail

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 204.0610, -2.4951, 6.9625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

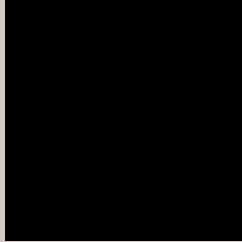
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

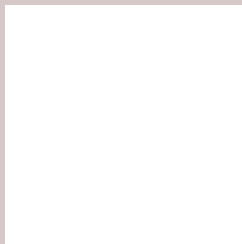
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 204.0610, -2.4951, 6.9625

Background



This preview shows how black text looks on a background with the YUV color 204.0610, -2.4951, 6.9625.



This preview shows how white text looks on a background with the YUV color 204.0610, -2.4951,

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

204.0610, -2.4951, 6.9625

Protanopia

203.5660, -1.7580, 3.8886

Deuteranopia

205.4150, -2.6696, 16.2990



Tritanopia

205.1950, 4.3409, 7.7220

Trichromacy



Original Color

204.0610, -2.4951, 6.9625

Protanomaly

203.8650, -1.9054, 4.5034

Deuteranomaly

204.8060, -2.3694, 13.3251

Tritanomaly

204.9130, 2.0149, 7.0923

Monochromacy



Original Color

204.0610, -2.4951, 6.9625

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.0610, -2.4951, 6.9625 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(212, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 199)  
}
```

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(212, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 199) }
```

Border

The CSS property to change the border of an element to YUV 204.0610, -2.4951, 6.9625 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(212, 201, 199) }
```


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

```
.border{ border-color:rgb(212, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 204.0610, -2.4951, 6.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 201, 199) }
```

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

```
.background{ background-color: rgb(212,  
201, 199) }
```

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