

Converting Colors

YUV(203.0410, -22.2052,
28.9050)

Have a look what the booklet for
YUV(203.0410, -22.2052, 28.9050)
contains.

YUV(203.0410, -22.2052, 28.9050)	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(203.0410, -22.2052,
28.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC39E
RGB	236, 195, 158
RGB Percent	93%, 76%, 62%
CMY	0.0745, 0.2353, 0.3804
CMYK	0.00, 0.17, 0.33, 0.07
HSL	28°, 67%, 77%
HSV	28°, 33%, 93%
XYZ	60.2787, 59.3317, 40.6229
YIQ	203.0410, 36.3130, -2.8150

Conversions

Conversions Part 2

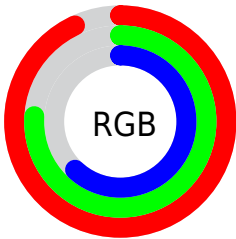
Format	Color
R _Y B	236, 228, 158
Decimal	15516574
CIE Lab	81.47, 9.44, 24.08
CIE LCh	81, 25.862, 68.600
Yxy	59.3317, 0.3762, 0.3703
Android (android.graphics.Color)	4293706654 (0xFFECC39E)
YUV	203.0410, -22.2052, 28.9050
Hunter-Lab	77.0271, 4.8906, 22.6503

Details

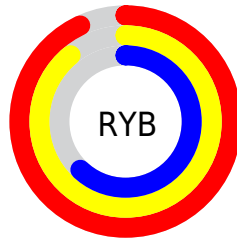
The YUV color $203.0410, -22.2052, 28.9050$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $190.9590, 22.2052, -28.9050$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4510, -17.4773, 5.7435$, and $148.3720, -20.8894, 26.8608$ is the 20% darker color. If you saturate the color by 10%, you get $193.2610, -29.2157, 37.4821$, and if you desaturate by 10%, it is $212.8210, -15.1948, 20.3280$.

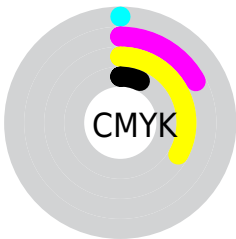
Distribution



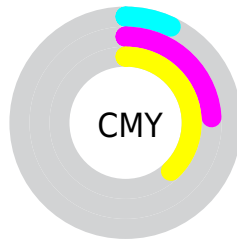
- Red (93%)
- Green (76%)
- Blue (62%)



- Red (93%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0410, -22.2052, 28.9050 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 203.0410, -22.2052, 28.9050 by changing the saturation by 10% instead.

■ 203.0410,
-22.2052, 28.9050

■ 203.0410,
-22.2052, 28.9050

■ 255.0000, 0.0000,
0.0000

■ 175.5570,
-21.4736, 27.5755

■ 248.4510,
-17.4773, 5.7435

■ 148.3720,
-20.8894, 26.8608

■ 253.4040, -6.1152,
1.3997

■ 122.5890,
-20.0104, 24.9164

■ 97.5180, -18.9894,
24.1017

■ 73.3220, -18.3997,
21.6426

■ 50.5390, -17.5207,
19.6983

■ 29.3260, -14.4577,

17.2541

■ 7.4750, -3.6852,
15.3694

■ 0.0000, 0.0000,
0.0000

■ 203.0410,
-22.2052, 28.9050

■ 203.0410,
-22.2052, 28.9050

■ 193.2610,
-29.2157, 37.4821

■ 212.8210,
-15.1948, 20.3280

■ 183.0080,
-35.4999, 46.4740

■ 223.0740, -8.9105,
11.3361

■ 173.2280,
-42.5104, 55.0510

■ 232.8540, -1.9000,
2.7590

■ 162.9750,
-48.7947, 64.0429

■ 243.1070, 4.3842,
-6.2328

■ 153.1950,
-55.8051, 72.6200

■ 249.3190, 2.8007,
-11.6808

■ 143.4150,
-62.8156, 81.1970

■ 136.3080,
-67.1998, 87.4299

Harmonies

Analogous

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



204.8280, -15.6912, 39.6158



203.0410, -22.2052, 28.9050



200.8170, -22.5878, 11.5615

Triad

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



203.0410, -22.2052, 28.9050



192.1790, 8.2928, -46.6380



205.5230, 16.9972, 8.3113

Complementary

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



203.0410, -22.2052, 28.9050



190.9590, 22.2052, -28.9050

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.



201.7910, 23.7670, -16.4797



203.0410, -22.2052, 28.9050



192.7190, 19.3655, -51.4966

Square

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



203.0410, -22.2052, 28.9050



194.7220, -5.2859, -31.3282



196.8760, 24.7111, -39.3563



206.7230, 7.0386, 29.1839

Rectangle

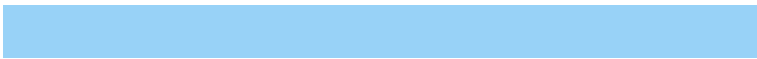
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203.0410, -22.2052, 28.9050



198.9400, -19.1974, -2.5784



196.8760, 24.7111, -39.3563



204.8640, 19.7870, 0.1193

Sweetspot

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



203.0410, -22.2052, 28.9050



244.5190, -7.1579, 9.1918



186.1100, 6.8478, 43.7535



120.8930, -4.3842, 6.2328



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.



203.0410, -22.2052, 28.9050



211.6740, -28.9263, 37.9969



225.3470, -33.2021, 9.3427



112.2240, -3.0684, 4.1886



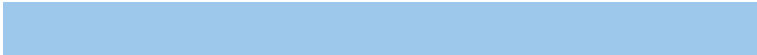
104.6010, -51.5683, 67.0019



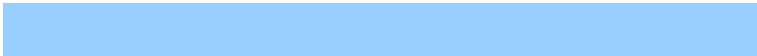
30.8210, -15.1948, 20.3280

Inverse Universe

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



190.9590, 22.2052, -28.9050



196.3260, 28.9263, -37.9969



168.6530, 33.2021, -9.3427



110.7760, 3.0684, -4.1886



76.3990, 51.5683, -67.0019



22.5920, 15.4841, -19.8132

Previews

White Background



This preview shows how the YUV color 203.0410, -22.2052, 28.9050 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 203.0410, -22.2052, 28.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

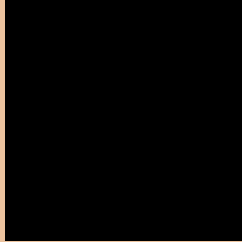
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.0410, -22.2052, 28.9050

Background



This preview shows how black text looks on a background with the YUV color 203.0410, -22.2052, 28.9050.



This preview shows how white text looks on a background with the YUV color 203.0410, -22.2052, 28.9050.

28.9050.

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

203.0410, -22.2052, 28.9050

Protanopia

201.2130, -19.8250, 12.0912

Deuteranopia

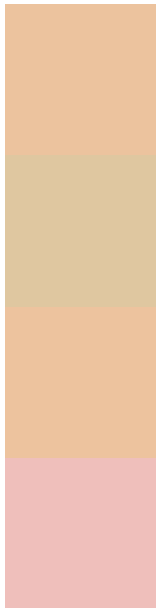
203.3400, -22.3526, 29.5198



Tritanopia

206.1440, -1.5500, 30.5687

Trichromacy



Original Color

203.0410, -22.2052, 28.9050

Protanomaly

201.7300, -20.5729, 18.6538

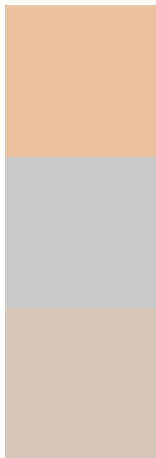
Deuteranomaly

203.3400, -22.3526, 29.5198

Tritanomaly

204.8960, -8.8227, 29.9092

Monochromacy



Original Color

203.0410, -22.2052, 28.9050

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0030, -7.8895, 10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0410, -22.2052, 28.9050 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, 195, 158)` looks like.

```
.text, #text, p{  
    color:rgb(236, 195, 158)  
}
```

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, 195, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 195, 158) }
```

Border

The CSS property to change the border of an element to YUV 203.0410, -22.2052, 28.9050 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, 195, 158) }
```


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

```
.border{ border-color:rgb(236, 195, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 195, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 195, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 195, 158); box-shadow:4px 4px 4px 4px rgb(236, 195, 158) }
```

Background

The CSS property to change the background color of an element to YUV 203.0410, -22.2052, 28.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 195, 158) }
```

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

```
.background{ background-color: rgb(236,  
195, 158) }
```

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