

Converting Colors

YUV(203.1410, -30.6355,
26.1863)

Have a look what the booklet for
YUV(203.1410, -30.6355, 26.1863)
contains.

YUV(203.1410, -30.6355, 26.1863)	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(203.1410, -30.6355,
26.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C88D
RGB	233, 200, 141
RGB Percent	91%, 78%, 55%
CMY	0.0863, 0.2157, 0.4471
CMYK	0.00, 0.14, 0.39, 0.09
HSL	38°, 68%, 73%
HSV	38°, 39%, 91%
XYZ	59.0663, 60.5553, 33.7745
YIQ	203.1410, 38.6070, -11.3530

Conversions

Conversions Part 2

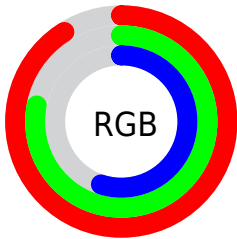
Format	Color
R _Y B	192, 233, 141
Decimal	15321229
CIE Lab	82.14, 3.67, 33.82
CIE LCh	82, 34.018, 83.810
Yxy	60.5553, 0.3851, 0.3948
Android (android.graphics.Color)	4293511309 (0xFFE9C88D)
YUV	203.1410, -30.6355, 26.1863
Hunter-Lab	77.8173, -0.6919, 28.7388

Details

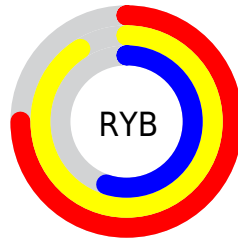
The YUV color $203.1410, -30.6355, 26.1863$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $170.8590, 30.6355, -26.1863$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1600, -26.2079, 5.9987$, and $148.5860, -28.8829, 24.0421$ is the 20% darker color. If you saturate the color by 10%, you get $195.8230, -38.3667, 32.6042$, and if you desaturate by 10%, it is $210.4590, -22.9043, 19.7685$.

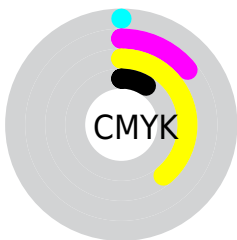
Distribution



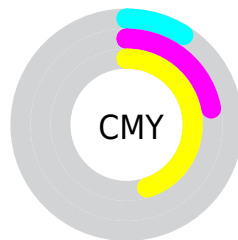
- Red (91%)
- Green (78%)
- Blue (55%)



- Red (75%)
- Yellow (91%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (39%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.1410, -30.6355, 26.1863 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 203.1410, -30.6355, 26.1863 by changing the saturation by 10% instead.

■ 203.1410,
-30.6355, 26.1863

■ 203.1410,
-30.6355, 26.1863

■ 255.0000, 0.0000,
0.0000

■ 175.6570,
-29.9039, 24.8568

■ 248.1600,
-26.2079, 5.9987

■ 148.5860,
-28.8829, 24.0421

■ 251.3520,
-13.9775, 3.1993

■ 122.8030,
-28.0039, 22.0978

■ 254.6580, -1.3104,
0.2999

■ 97.3190, -27.2723,
20.7682

■ 72.8350, -26.5407,
19.4387

■ 50.2800, -24.7880,
17.2944

■ 30.4780, -15.0257,

12.7358

■ 8.6160, -4.2477,
9.1068

■ 0.0000, 0.0000,
0.0000

■ 203.1410,
-30.6355, 26.1863

■ 203.1410,
-30.6355, 26.1863

■ 195.8230,
-38.3667, 32.6042

■ 210.4590,
-22.9043, 19.7685

■ 187.8040,
-46.2454, 39.6369

■ 218.4780,
-15.0257, 12.7358

■ 180.4860,
-53.9766, 46.0548

■ 225.7960, -7.2944,
6.3179

■ 173.1680,
-61.7078, 52.4727

■ 233.1140, 0.4368,
-0.1000

■ 165.2630,
-69.1497, 59.4053

■ 240.7910, 7.0050,
-6.8327

■ 157.8310,
-77.3177, 65.9232

■ 245.4870, 4.6899,
-10.9511

■ 157.1300,
-77.4651, 66.5380

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



204.7440, -25.0168, 44.0745



203.1410, -30.6355, 26.1863



199.6000, -26.9178, 0.3508

Triad

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



203.1410, -30.6355, 26.1863



187.2170, 20.5990, -73.8583



209.4050, 16.0693, 25.9548

Complementary

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



203.1410, -30.6355, 26.1863



170.8590, 30.6355, -26.1863

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.



205.0960, 24.6027, -4.4692



203.1410, -30.6355, 26.1863



190.2360, 31.9287, -67.7360

Square

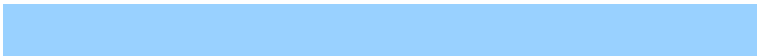
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203.1410, -30.6355, 26.1863



190.6310, 2.6469, -55.8044



197.5000, 28.3475, -39.0265



206.6600, 2.6326, 42.3942

Rectangle

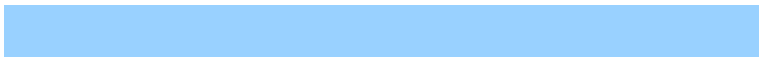
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203.1410, -30.6355, 26.1863



197.3140, -19.8748, -18.6924



197.5000, 28.3475, -39.0265



208.6040, 20.9012, 16.1333

Sweetspot

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



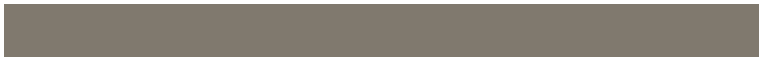
203.1410, -30.6355, 26.1863



245.0090, -10.3574, 8.7621



172.3840, 1.2897, 53.1602



121.8390, -5.8366, 5.4032



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.



203.1410, -30.6355, 26.1863



216.0790, -39.9719, 34.1337



218.9240, -38.4165, 1.8207



113.3980, -3.6472, 3.1590



122.2110, -60.2500, 51.5580



36.1040, -17.7993, 15.6948

Inverse Universe

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



170.8590, 30.6355, -26.1863



173.9210, 39.9719, -34.1337



155.0760, 38.4165, -1.8207



109.6020, 3.6472, -3.1590



58.7890, 60.2500, -51.5580



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 203.1410, -30.6355, 26.1863 looks on a white background.

Color Contrast Check

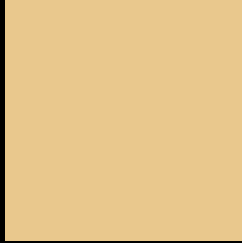
Large Text (above 18pt) WCAG AA × Fail

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 203.1410, -30.6355, 26.1863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

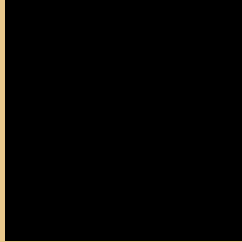
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.1410, -30.6355, 26.1863

Background



This preview shows how black text looks on a background with the YUV color 203.1410, -30.6355, 26.1863.



This preview shows how white text looks on a background with the YUV color 203.1410, -30.6355, 26.1863.

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

203.1410, -30.6355, 26.1863

Protanopia

202.1290, -29.1506, 16.5499

Deuteranopia

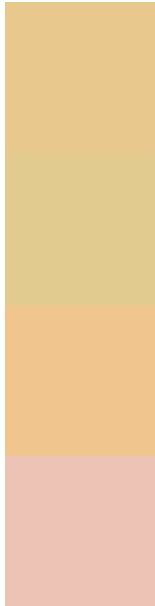
204.1960, -30.6626, 34.9081



Tritanopia

207.9480, -0.9604, 28.1096

Trichromacy



Original Color

203.1410, -30.6355, 26.1863

Protanomaly

202.6240, -29.8876, 19.6238

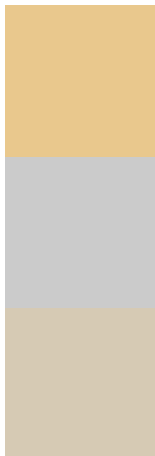
Deuteranomaly

203.5870, -30.3624, 31.9342

Tritanomaly

206.0760, -11.8695, 27.1203

Monochromacy



Original Color

203.1410, -30.6355, 26.1863

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.1410, -30.6355, 26.1863 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(233, 200, 141)` looks like.

```
.text, #text, p{  
    color:rgb(233, 200, 141)  
}
```

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(233, 200, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 200, 141) }
```

Border

The CSS property to change the border of an element to YUV 203.1410, -30.6355, 26.1863 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(233, 200, 141) }
```


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

```
.border{ border-color:rgb(233, 200, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 200, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 200, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 200, 141);  
box-shadow:4px 4px 4px 4px rgb(233, 200,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 203.1410, -30.6355, 26.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 200, 141) }
```

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

```
.background{ background-color: rgb(233,  
200, 141) }
```

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