

Converting Colors

YUV(203.9860, -18.7271,
33.3383)

Have a look what the booklet for
YUV(203.9860, -18.7271, 33.3383)
contains.

YUV(203.9860, -18.7271, 33.3383)	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(203.9860, -18.7271,
33.3383)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C0A6
RGB	242, 192, 166
RGB Percent	95%, 75%, 65%
CMY	0.0510, 0.2471, 0.3490
CMYK	0.00, 0.21, 0.31, 0.05
HSL	21°, 75%, 80%
HSV	21°, 31%, 95%
XYZ	62.3505, 59.3297, 44.2419
YIQ	203.9860, 38.1460, 2.5140

Conversions

Conversions Part 2

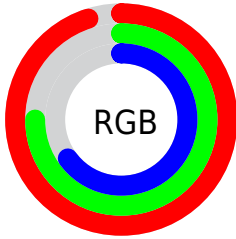
Format	Color
RYB	242, 206, 166
Decimal	15909030
CIELab	81.47, 14.31, 19.92
CIElCh	81, 24.527, 54.315
Yxy	59.3297, 0.3758, 0.3576
Android (android.graphics.Color)	4294099110 (0xFFFF2C0A6)
YUV	203.9860, -18.7271, 33.3383
Hunter-Lab	77.0258, 9.6964, 19.8631

Details

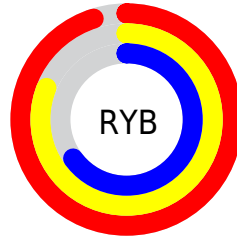
The YUV color $203.9860, -18.7271, 33.3383$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $204.0140, 18.7271, -33.3383$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.0150, -12.8254, 7.0028$, and $149.3170, -17.4113, 31.2940$ is the 20% darker color. If you saturate the color by 10%, you get $191.8580, -24.5800, 43.9745$, and if you desaturate by 10%, it is $216.1140, -12.8742, 22.7020$.

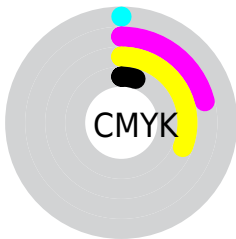
Distribution



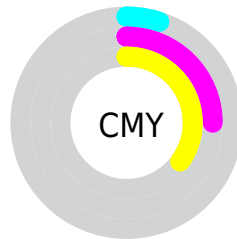
- Red (95%)
- Green (75%)
- Blue (65%)



- Red (95%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.9860, -18.7271, 33.3383 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 203.9860, -18.7271, 33.3383 by changing the saturation by 10% instead.

203.9860,
-18.7271, 33.3383

203.9860,
-18.7271, 33.3383

255.0000, 0.0000,
0.0000

176.5020,
-17.9955, 32.0087

247.0150,
-12.8254, 7.0028

149.3170,
-17.4113, 31.2940

254.4300, -2.1840,
0.4999

123.4200,
-16.9691, 29.4497

98.0500, -15.8006,
28.0202

74.1530, -15.3584,
26.1758

51.0710, -14.3320,
23.6167

28.4730, -14.0372,

22.3872

■ 9.2690, -4.5696,
19.0581

■ 0.0000, 0.0000,
0.0000

■ 203.9860,
-18.7271, 33.3383

■ 203.9860,
-18.7271, 33.3383

■ 191.8580,
-24.5800, 43.9745

■ 216.1140,
-12.8742, 22.7020

■ 179.7300,
-30.4329, 54.6108

■ 228.2420, -7.0213,
12.0658

■ 167.4880,
-36.7226, 65.3470

■ 240.4840, -0.7316,
1.3295

■ 155.3600,
-42.5755, 75.9833

■ 251.1130, 1.9163,
-7.9921

■ 143.2320,
-48.4284, 86.6195

■ 131.1040,
-54.2813, 97.2558

■ 121.0790,
-59.6919, 106.0477

Harmonies

Analogous

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



205.6090, -10.1602, 38.9309



203.9860, -18.7271, 33.3383



201.6870, -22.0307, 19.5685

Triad

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



203.9860, -18.7271, 33.3383



193.5130, 1.7191, -38.1609



204.1410, 19.6505, -2.7547

Complementary

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



203.9860, -18.7271, 33.3383



204.0140, 18.7271, -33.3383

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.



200.0240, 23.6522, -26.3310



203.9860, -18.7271, 33.3383



192.5470, 13.5343, -47.8377

Square

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



203.9860, -18.7271, 33.3383



196.4200, -10.5601, -19.6623



195.0450, 21.6698, -43.8895



206.5090, 11.5811, 18.8476

Rectangle

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



203.9860, -18.7271, 33.3383



199.9520, -20.6823, 7.0581



195.0450, 21.6698, -43.8895



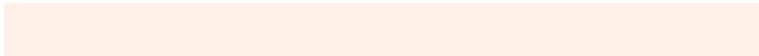
202.9550, 21.7142, -11.3615

Sweetspot

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



203.9860, -18.7271, 33.3383



243.5730, -5.7055, 10.0215



194.5380, 11.0738, 41.6242



120.4200, -3.6581, 6.6477



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.



203.9860, -18.7271, 33.3383



206.3740, -23.8484, 42.6450



225.7050, -29.4346, 14.2907



113.9360, -2.9264, 5.3181



91.9970, -45.3545, 80.6866



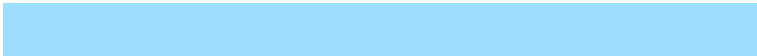
27.8970, -13.7532, 24.6463

Inverse Universe

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



204.0140, 18.7271, -33.3383



206.6260, 23.8484, -42.6450



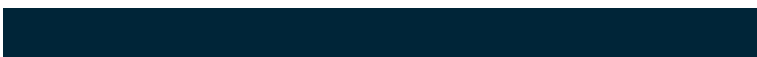
182.2950, 29.4346, -14.2907



114.0640, 2.9264, -5.3181



92.0030, 45.3545, -80.6866



28.1030, 13.7532, -24.6463

Previews

White Background



This preview shows how the YUV color 203.9860, -18.7271, 33.3383 looks on a white background.

Color Contrast Check

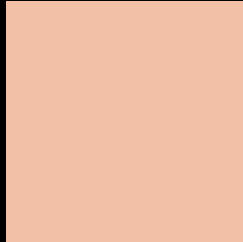
Large Text (above 18pt) WCAG AA × Fail

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 203.9860, -18.7271, 33.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

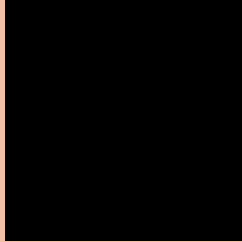
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.9860, -18.7271, 33.3383

Background



This preview shows how black text looks on a background with the YUV color 203.9860, -18.7271, 33.3383.



This preview shows how white text looks on a background with the YUV color 203.9860, -18.7271,

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

203.9860, -18.7271, 33.3383

Protanopia

202.0540, -15.3096, 10.4766

Deuteranopia

203.5400, -19.0002, 27.5904



Tritanopia

206.2370, -2.5818, 34.8722

Trichromacy



Original Color

203.9860, -18.7271, 33.3383

Protanomaly

202.4680, -16.4997, 18.8836

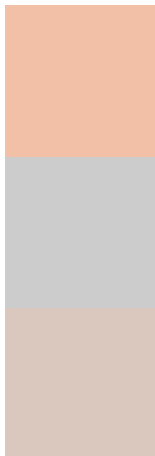
Deuteranomaly

203.8500, -19.1530, 29.9496

Tritanomaly

205.6300, -8.6916, 34.5275

Monochromacy



Original Color

203.9860, -18.7271, 33.3383

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.2420, -7.0213, 12.0658

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.9860, -18.7271, 33.3383 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(242, 192, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 192, 166)  
}
```

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(242, 192, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 192, 166) }
```

Border

The CSS property to change the border of an element to YUV 203.9860, -18.7271, 33.3383 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(242, 192, 166) }
```


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

```
.border{ border-color:rgb(242, 192, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 192, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 192, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 192, 166);  
box-shadow:4px 4px 4px 4px rgb(242, 192,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 203.9860, -18.7271, 33.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 192, 166) }
```

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

```
.background{ background-color: rgb(242,  
192, 166) }
```

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