

Converting Colors

YUV(201.6340, -21.5116,
39.7860)

Have a look what the booklet for
YUV(201.6340, -21.5116, 39.7860)
contains.

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Color

**YUV(201.6340, -21.5116,
39.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BB9E
RGB	247, 187, 158
RGB Percent	97%, 73%, 62%
CMY	0.0314, 0.2667, 0.3804
CMYK	0.00, 0.24, 0.36, 0.03
HSL	20°, 85%, 79%
HSV	20°, 36%, 97%
XYZ	62.2997, 57.7834, 40.2175
YIQ	201.6340, 45.0690, 3.7010

Conversions

Conversions Part 2

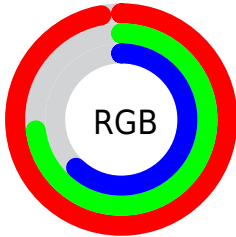
Format	Color
R _Y B	247, 201, 158
Decimal	16235422
CIE Lab	80.62, 17.87, 23.08
CIE LCh	81, 29.194, 52.254
Yxy	57.7834, 0.3886, 0.3605
Android (android.graphics.Color)	4294425502 (0xFFF7BB9E)
YUV	201.6340, -21.5116, 39.7860
Hunter-Lab	76.0154, 13.2656, 21.8422

Details

The YUV color $201.6340, -21.5116, 39.7860$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $203.3660, 21.5116, -39.7860$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1680, -14.8728, 10.3767$, and $147.2530, -20.3377, 36.6121$ is the 20% darker color. If you saturate the color by 10%, you get $188.8050, -27.5119, 51.0370$, and if you desaturate by 10%, it is $214.4630, -15.5113, 28.5349$.

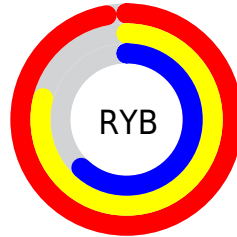
Distribution



Red (97%)

Green (73%)

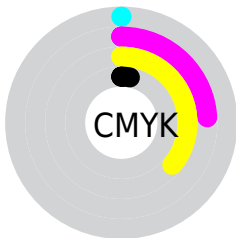
Blue (62%)



Red (97%)

Yellow (79%)

Blue (62%)

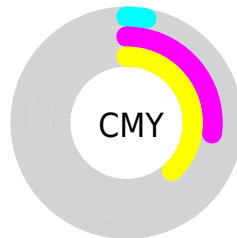


Cyan (0%)

Magenta (24%)

Yellow (36%)

Black (3%)



Cyan (3%)

Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.6340, -21.5116, 39.7860 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 201.6340, -21.5116, 39.7860 by changing the saturation by 10% instead.

201.6340,
-21.5116, 39.7860

201.6340,
-21.5116, 39.7860

255.0000, 0.0000,
0.0000

174.1500,
-20.7799, 38.4565

243.1680,
-14.8728, 10.3767

147.2530,
-20.3377, 36.6121

253.4040, -6.1152,
1.3997

120.8830,
-19.1693, 35.1826

95.8010, -18.1429,
32.6235

71.4310, -16.9745,
31.1940

48.0500, -15.8006,
28.0202

26.7230, -13.1744,

25.6759

■ 9.8670, -4.8644,
20.2876

■ 0.0000, 0.0000,
0.0000

■ 201.6340,
-21.5116, 39.7860

■ 201.6340,
-21.5116, 39.7860

■ 188.8050,
-27.5119, 51.0370

■ 214.4630,
-15.5113, 28.5349

■ 176.6770,
-33.3648, 61.6733

■ 226.5910, -9.6584,
17.8987

■ 163.8480,
-39.3651, 72.9243

■ 239.4200, -3.6581,
6.6477

■ 151.0190,
-45.3654, 84.1753

■ 252.0210, 1.4686,
-4.4034

■ 138.8910,
-51.2183, 94.8116

■ 252.6080, 1.1793,
-4.9182

■ 126.0620,
-57.2186, 106.0626

■ 120.8130,
-59.5608, 110.6660

Harmonies

Analogous

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



203.1260, -10.9081, 45.4935



201.6340, -21.5116, 39.7860



199.5690, -26.4095, 24.0570

Triad

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



201.6340, -21.5116, 39.7860



189.3550, 1.3040, -45.0383



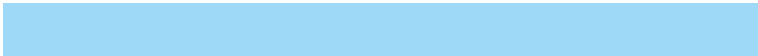
201.8570, 23.7345, -6.0136

Complementary

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



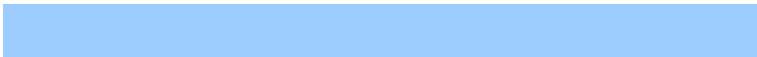
201.6340, -21.5116, 39.7860



203.3660, 21.5116, -39.7860

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.



195.9350, 28.6260, -35.0230



201.6340, -21.5116, 39.7860



187.1650, 16.1877, -58.9037

Square

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



201.6340, -21.5116, 39.7860



192.7140, -13.1700, -22.5512



189.7060, 25.7809, -55.8702



204.0300, 14.7752, 21.0217

Rectangle

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



201.6340, -21.5116, 39.7860



197.8230, -25.0557, 9.8022



189.7060, 25.7809, -55.8702



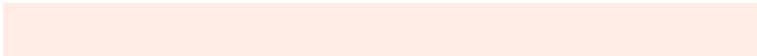
200.0730, 26.0930, -15.8500

Sweetspot

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



201.6340, -21.5116, 39.7860



240.6550, -6.7319, 12.5806



191.5650, 13.5255, 48.6165



119.0180, -3.9529, 7.8772



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.



201.6340, -21.5116, 39.7860



199.0220, -26.6328, 49.0927



227.4620, -34.2448, 17.1348



115.9360, -2.9264, 5.3181



91.4210, -45.0706, 82.9458



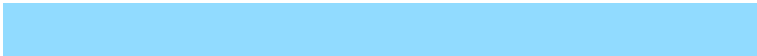
28.7940, -14.1954, 26.4907

Inverse Universe

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



203.3660, 21.5116, -39.7860



200.9780, 26.6328, -49.0927



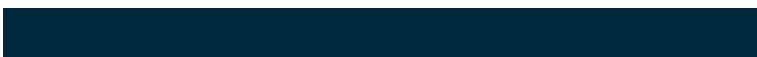
177.5380, 34.2448, -17.1348



116.0640, 2.9264, -5.3181



94.5790, 45.0706, -82.9458



30.2060, 14.1954, -26.4907

Previews

White Background



This preview shows how the YUV color 201.6340, -21.5116, 39.7860 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 201.6340, -21.5116, 39.7860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

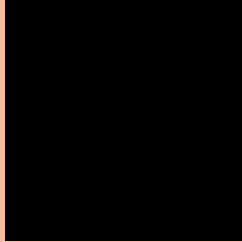
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.6340, -21.5116, 39.7860

Background



This preview shows how black text looks on a background with the YUV color 201.6340, -21.5116, 39.7860.



This preview shows how white text looks on a background with the YUV color 201.6340, -21.5116, 39.7860.

39.7860.

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

201.6340, -21.5116, 39.7860

Protanopia

199.4840, -17.4936, 10.9765

Deuteranopia

200.5680, -21.4790, 29.3199



Tritanopia

204.2270, -4.0559, 41.0199

Trichromacy



Original Color

201.6340, -21.5116, 39.7860

Protanomaly

200.2080, -18.8365, 21.7426

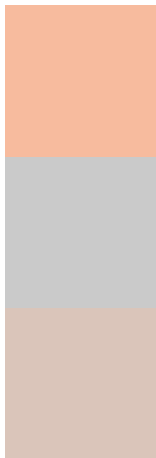
Deuteranomaly

200.8890, -21.6373, 33.4233

Tritanomaly

203.5060, -10.6025, 40.7752

Monochromacy



Original Color

201.6340, -21.5116, 39.7860

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.0250, -7.9003, 14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.6340, -21.5116, 39.7860 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(247, 187, 158)` looks like.

```
.text, #text, p{  
    color:rgb(247, 187, 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(247, 187, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 187, 158) }
```

Border

The CSS property to change the border of an element to YUV 201.6340, -21.5116, 39.7860 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(247, 187, 158) }
```


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

```
.border{ border-color:rgb(247, 187, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 187, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 187, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 187, 158);  
box-shadow:4px 4px 4px 4px rgb(247, 187,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 201.6340, -21.5116, 39.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 187, 158) }
```

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

```
.background{ background-color: rgb(247,  
187, 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](#).

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