

Converting Colors

YUV(216.6440, -20.0375,
33.6382)

Have a look what the booklet for
YUV(216.6440, -20.0375, 33.6382)
contains.

YUV(216.6440, -20.0375, 33.6382)	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(216.6440, -20.0375,
33.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDB0
RGB	255, 205, 176
RGB Percent	100%, 80%, 69%
CMY	0.0000, 0.1961, 0.3098
CMYK	0.00, 0.20, 0.31, 0.00
HSL	22°, 100%, 85%
HSV	22°, 31%, 100%
XYZ	70.9078, 68.0572, 50.4734
YIQ	216.6440, 39.1090, 1.5810

Conversions

Conversions Part 2

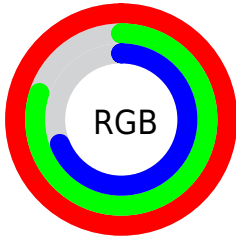
Format	Color
R _Y B	255, 222, 176
Decimal	16764336
CIE Lab	86.04, 13.67, 21.14
CIE LCh	86, 25.172, 57.106
Yxy	68.0572, 0.3743, 0.3593
Android (android.graphics.Color)	4294954416 (0xFFFFCDB0)
YUV	216.6440, -20.0375, 33.6382
Hunter-Lab	82.4968, 9.0552, 21.4728

Details

The YUV color $216.6440, -20.0375, 33.6382$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $214.3560, 20.0375, -33.6382$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, -10.0464, 2.2995$, and $161.5620, -19.0111, 31.0791$ is the 20% darker color. If you saturate the color by 10%, you get $204.2880, -26.7640, 44.4744$, and if you desaturate by 10%, it is $229.0000, -13.3110, 22.8020$.

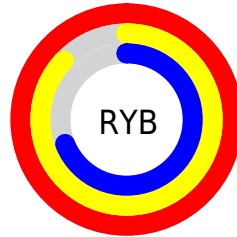
Distribution



Red (100%)

Green (80%)

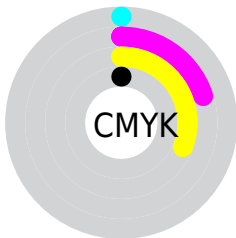
Blue (69%)



Red (100%)

Yellow (87%)

Blue (69%)

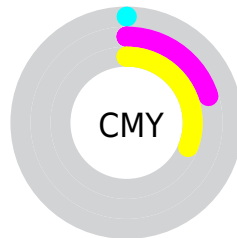


Cyan (0%)

Magenta (20%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.6440, -20.0375, 33.6382 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 216.6440, -20.0375, 33.6382 by changing the saturation by 10% instead.


 216.6440,
-20.0375, 33.6382

 216.6440,
-20.0375, 33.6382

255.0000, 0.0000,
0.0000


 188.4590,
-19.4533, 32.9235


 252.3780,
-10.0464, 2.2995

 161.5620,
-19.0111, 31.0791

 135.0780,
-18.2795, 29.7496

 109.5940,
-17.5478, 28.4201

 84.8110, -16.6688,
26.4758

 61.1420, -15.3530,
24.4315

 38.1310, -15.3476,

22.6871

■ 17.8300, -8.7902,
19.4431

■ 0.0000, 0.0000,
0.0000

■ 216.6440,
-20.0375, 33.6382

■ 216.6440,
-20.0375, 33.6382

■ 204.2880,
-26.7640, 44.4744

■ 229.0000,
-13.3110, 22.8020

■ 192.0460,
-33.0537, 55.2107

■ 241.2420, -7.0213,
12.0658

■ 179.6900,
-39.7802, 66.0469

■ 253.5980, -0.2948,
1.2296

■ 166.8610,
-45.7805, 77.2979

■ 255.0000, 0.0000,
0.0000

■ 154.6190,
-52.0702, 88.0341

■ 142.2630,
-58.7967, 98.8703

■ 131.4230,
-64.7915, 108.3770

Harmonies

Analogous

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



215.2880, -10.0020, 34.8274



216.6440, -20.0375, 33.6382



214.7470, -23.0463, 18.6389

Triad

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



216.6440, -20.0375, 33.6382



206.4310, 2.7455, -40.7200



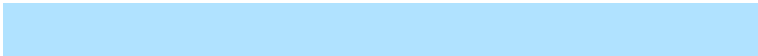
216.9240, 18.7715, -0.8103

Complementary

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



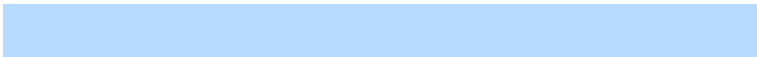
216.6440, -20.0375, 33.6382



214.3560, 20.0375, -33.6382

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.



212.0520, 21.1734, -24.6016



216.6440, -20.0375, 33.6382



205.2910, 15.1395, -49.3672

Square

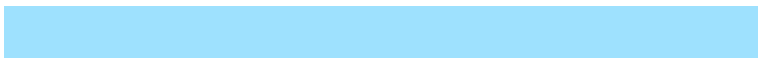
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.6440, -20.0375, 33.6382



208.9250, -9.8230, -22.7362



208.2730, 22.5434, -44.0894



219.0040, 10.8440, 21.9215

Rectangle

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



216.6440, -20.0375, 33.6382



212.7130, -21.5505, 5.5137



208.2730, 22.5434, -44.0894



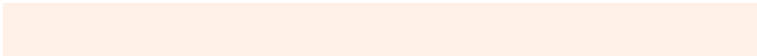
215.6950, 19.3774, -8.5025

Sweetspot

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



216.6440, -20.0375, 33.6382



243.5730, -5.7055, 10.0215



205.3210, 10.1947, 43.5685



121.0070, -3.9475, 6.1329



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.



216.6440, -20.0375, 33.6382



209.0640, -23.6956, 40.2859



239.5370, -31.3237, 13.5611



121.2350, -3.0739, 5.9329



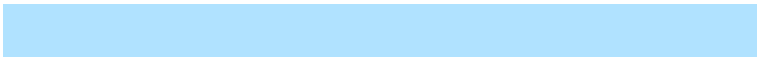
98.1990, -48.4121, 81.3865



32.6370, -16.0900, 27.5054

Inverse Universe

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



214.3560, 20.0375, -33.6382



206.3490, 23.9849, -39.7711



191.4630, 31.3237, -13.5611



121.1780, 3.3632, -5.4181



92.8010, 48.4121, -81.3865



30.7760, 16.3794, -26.9906

Previews

White Background



This preview shows how the YUV color 216.6440, -20.0375, 33.6382 looks on a white background.

Color Contrast Check

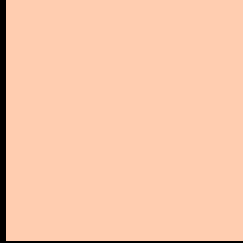
Large Text (above 18pt) WCAG AA × Fail

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 216.6440, -20.0375, 33.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

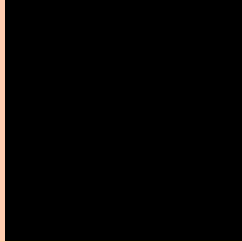
Any Text WCAG AA ✓ Pass

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 216.6440, -20.0375, 33.6382 Background



This preview shows how black text looks on a background with the YUV color 216.6440, -20.0375, 33.6382.



This preview shows how white text looks on a background with the YUV color 216.6440, -20.0375,

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

216.6440, -20.0375, 33.6382

Protanopia

214.7120, -16.6200, 10.7766

Deuteranopia

216.3230, -19.8792, 29.5347



Tritanopia

218.7420, -1.8448, 31.7983

Trichromacy



Original Color

216.6440, -20.0375, 33.6382

Protanomaly

215.1260, -17.8101, 19.1835

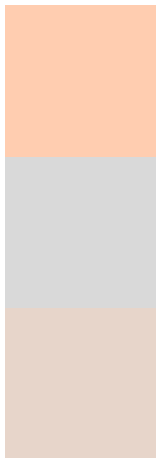
Deuteranomaly

216.3340, -19.8847, 31.2791

Tritanomaly

217.7330, -8.2494, 32.6832

Monochromacy



Original Color

216.6440, -20.0375, 33.6382

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.1280, -7.4581, 12.1657

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.6440, -20.0375, 33.6382 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(255, 205, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 176)  
}
```

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(255, 205, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 176) }
```

Border

The CSS property to change the border of an element to YUV 216.6440, -20.0375, 33.6382 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(255, 205, 176) }
```


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

```
.border{ border-color:rgb(255, 205, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 216.6440, -20.0375, 33.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 176) }
```

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

```
.background{ background-color: rgb(255,  
205, 176) }
```

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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