

Converting Colors

YUV(236.6940, -9.2161,
16.0544)

Have a look what the booklet for
YUV(236.6940, -9.2161, 16.0544)
contains.

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Color

**YUV(236.6940, -9.2161,
16.0544)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7DA
RGB	255, 231, 218
RGB Percent	100%, 91%, 85%
CMY	0.0000, 0.0941, 0.1451
CMYK	0.00, 0.09, 0.15, 0.00
HSL	21°, 100%, 93%
HSV	21°, 15%, 100%
XYZ	82.4708, 83.4738, 78.0950
YIQ	236.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

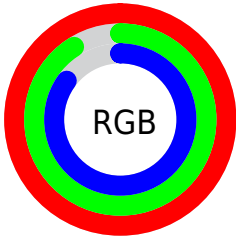
Format	Color
R _Y B	255, 238, 218
Decimal	16771034
CIE Lab	93.22, 6.11, 9.29
CIE LCh	93, 11.118, 56.639
Yxy	83.4738, 0.3379, 0.3421
Android (android.graphics.Color)	4294961114 (0xFFFFE7DA)
YUV	236.6940, -9.2161, 16.0544
Hunter-Lab	91.3640, 1.2382, 13.2756

Details

The YUV color $236.6940, -9.2161, 16.0544$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.3060, 9.2161, -16.0544$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.5090, -8.6319, 15.3396$ is the 20% darker color. If you saturate the color by 10%, you get $223.8650, -15.2164, 27.3054$, and if you desaturate by 10%, it is $249.5230, -3.2158, 4.8033$.

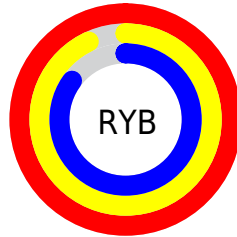
Distribution



Red (100%)

Green (91%)

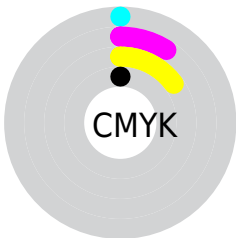
Blue (85%)



Red (100%)

Yellow (93%)

Blue (85%)

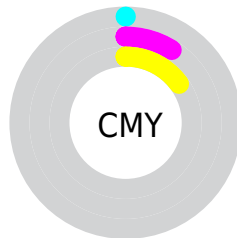


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 236.6940, -9.2161, 16.0544 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 236.6940, -9.2161, 16.0544 by changing the saturation by 10% instead.


 236.6940, -9.2161,
16.0544


 236.6940, -9.2161,
16.0544


255.0000, 0.0000,
0.0000


 208.3950, -9.0687,
15.4396

 180.5090, -8.6319,
15.3396

 154.2100, -8.4845,
14.7248

 127.9110, -8.3371,
14.1101

 102.7260, -7.7529,
13.3953

 78.5410, -7.1687,
12.6805

 55.9430, -6.8739,

11.4510

■ 34.3450, -6.5791,
10.2214

■ 11.2960, -5.5689,
12.8954

■ 236.6940, -9.2161,
16.0544

■ 236.6940, -9.2161,
16.0544

■ 223.8650,
-15.2164, 27.3054

■ 249.5230, -3.2158,
4.8033

■ 211.5090,
-21.9429, 38.1416

255.0000, 0.0000,
0.0000

■ 198.6800,
-27.9432, 49.3926

■ 186.3240,
-34.6697, 60.2289

■ 173.3810,
-41.1068, 71.5799

■ 161.1390,
-47.3965, 82.3161

■ 148.1960,
-53.8336, 93.6671

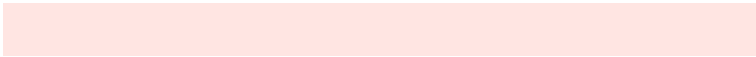
■ 135.9540,
-60.1233, 104.4033

■ 129.0750,
-63.6340, 110.4362

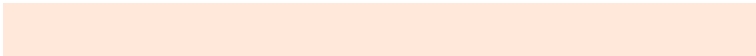
Harmonies

Analogous

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



236.4320, -5.1430, 16.2841



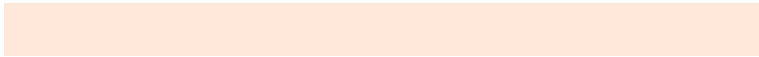
236.6940, -9.2161, 16.0544



235.3080, -10.5048, 9.3769

Triad

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



236.6940, -9.2161, 16.0544



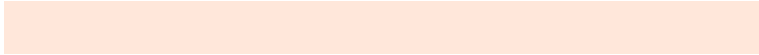
232.1180, 0.9278, -17.6435



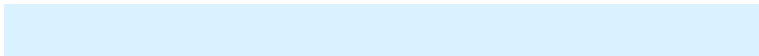
236.4050, 9.1673, -0.3552

Complementary

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



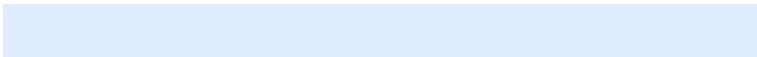
236.6940, -9.2161, 16.0544



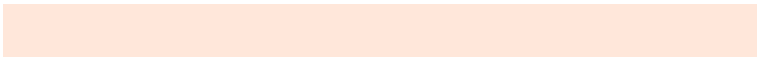
236.3060, 9.2161, -16.0544

Split Complementary

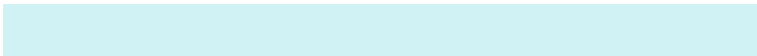
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.8660, 9.9261, -10.4065



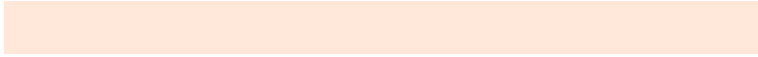
236.6940, -9.2161, 16.0544



232.4750, 6.1748, -20.5876

Square

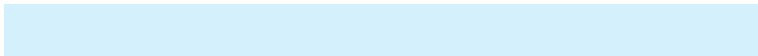
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.6940, -9.2161, 16.0544



233.2670, -5.0616, -9.8812



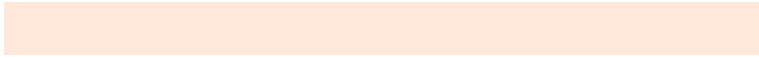
233.4090, 9.6584, -17.8987



237.6190, 4.6248, 9.9811

Rectangle

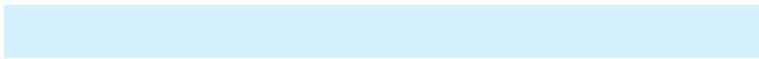
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.6940, -9.2161, 16.0544



234.7910, -9.7570, 2.8143



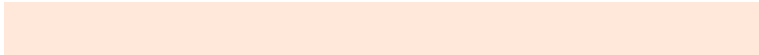
233.4090, 9.6584, -17.8987



235.7960, 9.4676, -3.3291

Sweetspot

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



236.6940, -9.2161, 16.0544



249.7510, -2.3422, 4.6034



231.7990, 5.0291, 20.3473



124.2670, -1.6106, 3.2738



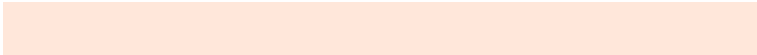
0.0000, 0.0000, 0.0000



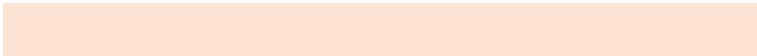
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.6940, -9.2161, 16.0544



233.6620, -10.6794, 18.7134



247.2600, -14.4252, 6.7880



121.2350, -3.0739, 5.9329



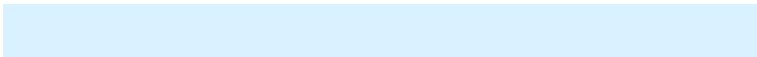
96.4380, -47.5439, 82.9309



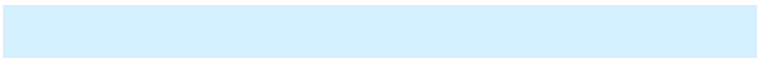
32.0500, -15.8006, 28.0202

Inverse Universe

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



236.3060, 9.2161, -16.0544



233.3380, 10.6794, -18.7134



225.7400, 14.4252, -6.7880



121.1780, 3.3632, -5.4181



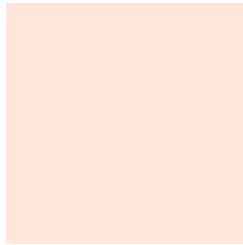
94.5620, 47.5439, -82.9309



31.3630, 16.0900, -27.5054

Previews

White Background



This preview shows how the YUV color 236.6940, -9.2161, 16.0544 looks on a white background.

Color Contrast Check

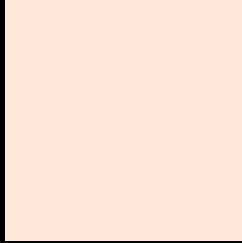
Large Text (above 18pt) WCAG AA × Fail

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 236.6940, -9.2161, 16.0544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

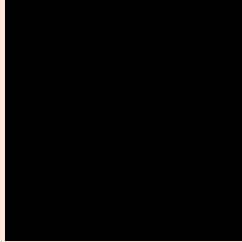
Any Text WCAG AA ✓ Pass

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 236.6940, -9.2161, 16.0544 Background



This preview shows how black text looks on a background with the YUV color 236.6940, -9.2161, 16.0544.

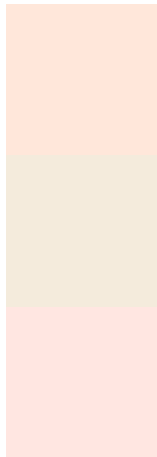


This preview shows how white text looks on a background with the YUV color 236.6940, -9.2161,

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

236.6940, -9.2161, 16.0544

Protanopia

235.9810, -7.8786, 7.0327

Deuteranopia

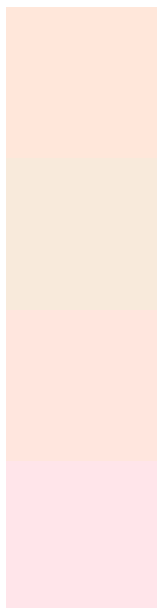
236.9050, -5.8692, 15.8693



Tritanopia

237.7830, 2.5720, 15.0993

Trichromacy



Original Color

236.6940, -9.2161, 16.0544

Protanomaly

236.4760, -8.6157, 10.1065

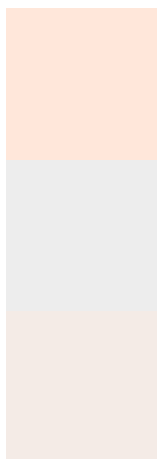
Deuteranomaly

236.5630, -7.1796, 16.1692

Tritanomaly

237.3440, -1.6486, 15.4843

Monochromacy



Original Color

236.6940, -9.2161, 16.0544

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.1210, -3.5107, 6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.6940, -9.2161, 16.0544 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, 231, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 218)  
}
```

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, 231, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 218) }
```

Border

The CSS property to change the border of an element to YUV 236.6940, -9.2161, 16.0544 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, 231, 218) }
```


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

```
.border{ border-color:rgb(255, 231, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 236.6940, -9.2161, 16.0544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 218) }
```

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

```
.background{ background-color: rgb(255,  
231, 218) }
```

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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