

Converting Colors

YUV(216.1940, -24.2526,
32.2789)

Have a look what the booklet for
YUV(216.1940, -24.2526, 32.2789)
contains.

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Color

**YUV(216.1940, -24.2526,
32.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCFA7
RGB	253, 207, 167
RGB Percent	99%, 81%, 65%
CMY	0.0078, 0.1882, 0.3451
CMYK	0.00, 0.18, 0.34, 0.01
HSL	28°, 96%, 82%
HSV	28°, 34%, 99%
XYZ	69.7959, 68.2983, 46.0635
YIQ	216.1940, 40.2560, -2.6880

Conversions

Conversions Part 2

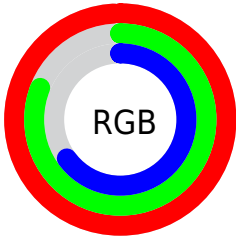
Format	Color
R _Y B	253, 242, 167
Decimal	16633767
CIE Lab	86.16, 10.77, 25.99
CIE LCh	86, 28.133, 67.493
Yxy	68.2983, 0.3790, 0.3709
Android (android.graphics.Color)	4294823847 (0xFFFDCA7)
YUV	216.1940, -24.2526, 32.2789
Hunter-Lab	82.6428, 6.1271, 24.8029

Details

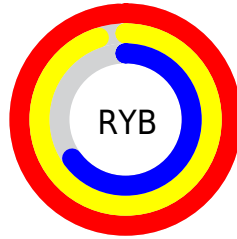
The YUV color $216.1940, -24.2526, 32.2789$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $203.8060, 24.2526, -32.2789$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.2380, -14.4143, 3.2993$, and $161.2260, -22.7894, 29.6198$ is the 20% darker color. If you saturate the color by 10%, you get $205.1260, -31.1211, 41.9855$, and if you desaturate by 10%, it is $227.2620, -17.3842, 22.5722$.

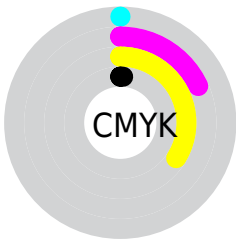
Distribution



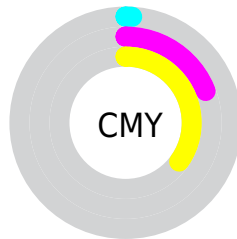
- Red (99%)
- Green (81%)
- Blue (65%)



- Red (99%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (1%)





- Cyan (1%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.1940, -24.2526, 32.2789 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 216.1940, -24.2526, 32.2789 by changing the saturation by 10% instead.


 216.1940,
-24.2526, 32.2789

 216.1940,
-24.2526, 32.2789

255.0000, 0.0000,
0.0000


 188.0090,
-23.6684, 31.5641


 251.2380,
-14.4143, 3.2993


 161.2260,
-22.7894, 29.6198

 254.5440, -1.7472,
0.3999

 134.7420,
-22.0578, 28.2903

 109.2580,
-21.3262, 26.9607

 84.4750, -20.4472,
25.0164

 60.8060, -19.1314,
22.9721

 37.9090, -18.6891,

21.1278

■ 18.9930, -9.3635,
16.6691

■ 0.0000, 0.0000,
0.0000

■ 216.1940,
-24.2526, 32.2789

■ 216.1940,
-24.2526, 32.2789

■ 205.1260,
-31.1211, 41.9855

■ 227.2620,
-17.3842, 22.5722

■ 194.5310,
-38.7158, 51.2773

■ 237.8570, -9.7895,
13.2804

■ 183.4630,
-45.5843, 60.9839

■ 248.9250, -2.9210,
3.5738

■ 172.9820,
-52.7421, 70.1758

■ 254.4020, 0.2948,
-1.2296

■ 161.8000,
-60.0474, 79.9824

■ 151.3190,
-67.2053, 89.1742

■ 144.9130,
-71.4421, 94.7923

Harmonies

Analogous

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



214.0340, -14.8068, 35.9272



216.1940, -24.2526, 32.2789



213.8450, -25.0666, 13.2909

Triad

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



216.1940, -24.2526, 32.2789



204.1460, 8.3090, -51.8710



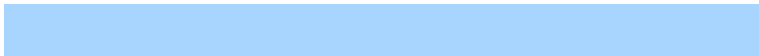
218.1640, 18.1601, 8.6262

Complementary

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



216.1940, -24.2526, 32.2789



203.8060, 24.2526, -32.2789

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.



213.5690, 20.4255, -18.0390



216.1940, -24.2526, 32.2789



204.1420, 21.1290, -57.1295

Square

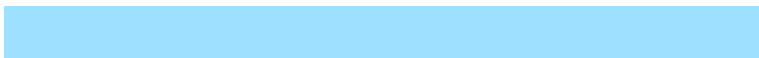
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.1940, -24.2526, 32.2789



207.0700, -6.4435, -33.3874



207.8000, 23.2696, -43.6746



220.0760, 8.3435, 30.6283

Rectangle

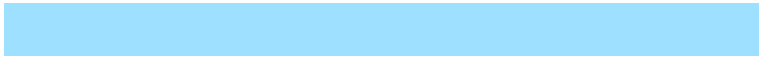
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.1940, -24.2526, 32.2789



211.3700, -21.3814, -2.0785



207.8000, 23.2696, -43.6746



216.6360, 18.9135, 0.3192

Sweetspot

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



216.1940, -24.2526, 32.2789



243.9320, -6.8685, 9.7066



198.0720, 7.8525, 48.1719



120.8930, -4.3842, 6.2328



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.



216.1940, -24.2526, 32.2789



210.1580, -29.6579, 39.3264



240.8480, -36.4071, 10.6573



122.4090, -3.6526, 4.9033



109.3520, -53.9105, 71.6053



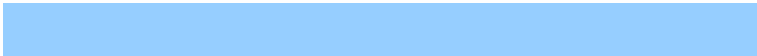
36.7460, -18.1158, 23.9018

Inverse Universe

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



203.8060, 24.2526, -32.2789



194.8420, 29.6579, -39.3264



179.1520, 36.4071, -10.6573



120.5910, 3.6526, -4.9033



81.6480, 53.9105, -71.6053



27.2540, 18.1158, -23.9018

Previews

White Background



This preview shows how the YUV color 216.1940, -24.2526, 32.2789 looks on a white background.

Color Contrast Check

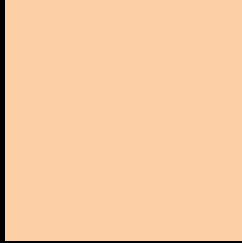
Large Text (above 18pt) WCAG AA × Fail

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 216.1940, -24.2526, 32.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

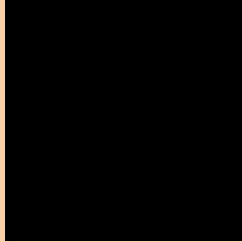
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.1940, -24.2526, 32.2789

Background



This preview shows how black text looks on a background with the YUV color 216.1940, -24.2526, 32.2789.



This preview shows how white text looks on a background with the YUV color 216.1940, -24.2526, 32.2789.

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

216.1940, -24.2526, 32.2789

Protanopia

214.1700, -21.2828, 13.0059

Deuteranopia

216.1940, -24.2526, 32.2789



Tritanopia

219.4430, -1.6974, 31.1835

Trichromacy



Original Color

216.1940, -24.2526, 32.2789

Protanomaly

214.9860, -22.1781, 20.1833

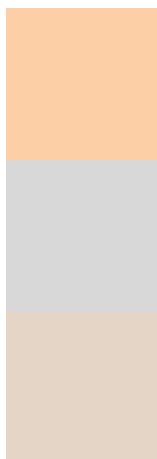
Deuteranomaly

216.1940, -24.2526, 32.2789

Tritanomaly

218.2660, -9.9911, 31.3387

Monochromacy



Original Color

216.1940, -24.2526, 32.2789

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0740, -8.9105, 11.3361

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.1940, -24.2526, 32.2789 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(253, 207, 167)` looks like.

```
.text, #text, p{  
    color:rgb(253, 207, 167)  
}
```

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(253, 207, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 207, 167) }
```

Border

The CSS property to change the border of an element to YUV 216.1940, -24.2526, 32.2789 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(253, 207, 167) }
```


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

```
.border{ border-color:rgb(253, 207, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 207, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 207, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 207, 167);  
box-shadow:4px 4px 4px 4px rgb(253, 207,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 216.1940, -24.2526, 32.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 207, 167) }
```

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

```
.background{ background-color: rgb(253,  
207, 167) }
```

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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