

Converting Colors

YUV(218.6670, -24.9788,
31.8640)

Have a look what the booklet for
YUV(218.6670, -24.9788, 31.8640)
contains.

YUV(218.6670, -24.9788, 31.8640)	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(218.6670, -24.9788,
31.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2A8
RGB	255, 210, 168
RGB Percent	100%, 82%, 66%
CMY	0.0000, 0.1765, 0.3412
CMYK	0.00, 0.18, 0.34, 0.00
HSL	29°, 100%, 83%
HSV	29°, 34%, 100%
XYZ	71.3545, 70.1803, 46.8312
YIQ	218.6670, 40.3020, -3.5220

Conversions

Conversions Part 2

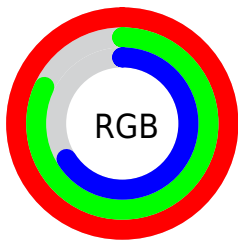
Format	Color
R _Y B	255, 249, 168
Decimal	16765608
CIE Lab	87.09, 10.09, 26.76
CIE LCh	87, 28.604, 69.336
Yxy	70.1803, 0.3788, 0.3726
Android (android.graphics.Color)	4294955688 (0xFFFFD2A8)
YUV	218.6670, -24.9788, 31.8640
Hunter-Lab	83.7737, 5.4339, 25.4973

Details

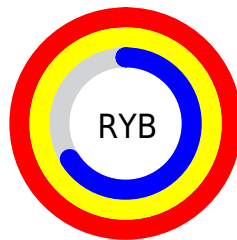
The YUV color $218.6670, -24.9788, 31.8640$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $204.3330, 24.9788, -31.8640$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.3520, -13.9775, 3.1993$, and $163.6990, -23.5156, 29.2050$ is the 20% darker color. If you saturate the color by 10%, you get $208.1860, -32.1367, 41.0559$, and if you desaturate by 10%, it is $229.2620, -17.3842, 22.5722$.

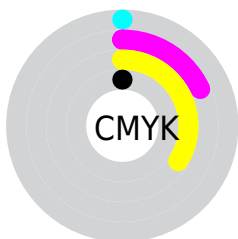
Distribution



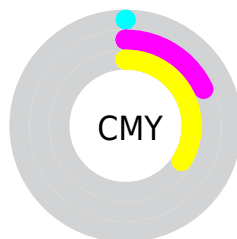
- Red (100%)
- Green (82%)
- Blue (66%)



- Red (100%)
- Yellow (98%)
- Blue (66%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 218.6670, -24.9788, 31.8640 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 218.6670, -24.9788, 31.8640 by changing the saturation by 10% instead.

218.6670,
-24.9788, 31.8640

218.6670,
-24.9788, 31.8640

255.0000, 0.0000,
0.0000

190.4820,
-24.3946, 31.1493

251.3520,
-13.9775, 3.1993

163.6990,
-23.5156, 29.2050

254.6580, -1.3104,
0.2999

137.2150,
-22.7840, 27.8754

110.8450,
-21.6156, 26.4459

86.3610, -20.8840,
25.1164

62.5780, -20.0050,
23.1721

40.2680, -19.8521,

20.8130

■ 21.0530, -10.3791,
15.7395

■ 0.0000, 0.0000,
0.0000

■ 218.6670,
-24.9788, 31.8640

■ 218.6670,
-24.9788, 31.8640

■ 208.1860,
-32.1367, 41.0559

■ 229.2620,
-17.3842, 22.5722

■ 197.5910,
-39.7314, 50.3477

■ 239.7430,
-10.2263, 13.3804

■ 186.4090,
-47.0366, 60.1543

■ 250.9250, -2.9210,
3.5738

■ 175.9280,
-54.1945, 69.3461

255.0000, 0.0000,
0.0000

■ 165.3330,
-61.7892, 78.6380

■ 154.8520,
-68.9470, 87.8298

■ 148.4460,
-73.1839, 93.4479

Harmonies

Analogous

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



215.9090, -15.2381, 34.2828



218.6670, -24.9788, 31.8640



216.0190, -25.6454, 12.2613

Triad

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



218.6670, -24.9788, 31.8640



206.4770, 9.6248, -53.9153



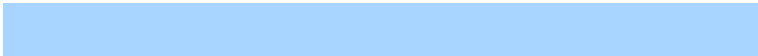
220.8330, 16.8443, 10.6705

Complementary

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



218.6670, -24.9788, 31.8640



204.3330, 24.9788, -31.8640

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.



215.9390, 19.2571, -16.6095



218.6670, -24.9788, 31.8640



207.0710, 22.1500, -57.9443

Square

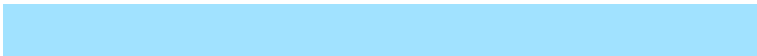
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.6670, -24.9788, 31.8640



209.2870, -5.5645, -35.3317



209.8710, 22.2486, -42.8599



221.3640, 8.2015, 29.4988

Rectangle

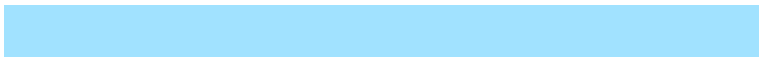
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.6670, -24.9788, 31.8640



214.2450, -21.8128, -3.7229



209.8710, 22.2486, -42.8599



219.3050, 17.5976, 2.3635

Sweetspot

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



218.6670, -24.9788, 31.8640



244.5190, -7.1579, 9.1918



199.2570, 7.2683, 48.8866



121.4800, -4.6736, 5.7180



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.



218.6670, -24.9788, 31.8640



211.3320, -30.2367, 38.2968



243.3210, -37.1333, 10.2425



122.4090, -3.6526, 4.9033



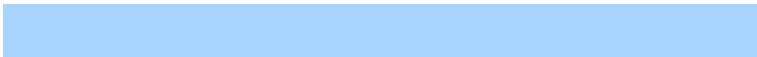
111.1130, -54.7787, 70.0609



37.3330, -18.4052, 23.3870

Inverse Universe

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



204.3330, 24.9788, -31.8640



194.2550, 29.9473, -38.8116



179.6790, 37.1333, -10.2425



120.0040, 3.9420, -4.3885



79.8870, 54.7787, -70.0609



26.6670, 18.4052, -23.3870

Previews

White Background



This preview shows how the YUV color 218.6670, -24.9788, 31.8640 looks on a white background.

Color Contrast Check

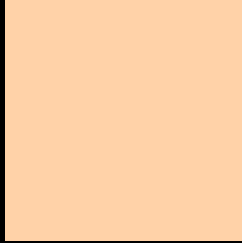
Large Text (above 18pt) WCAG AA × Fail

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 218.6670, -24.9788, 31.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

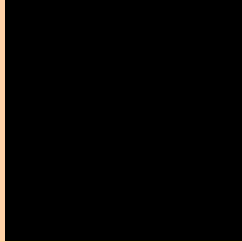
Any Text WCAG AA ✓ Pass

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 218.6670, -24.9788, 31.8640 Background



This preview shows how black text looks on a background with the YUV color 218.6670, -24.9788, 31.8640.



This preview shows how white text looks on a background with the YUV color 218.6670, -24.9788, 31.8640.

31.8640.

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

218.6670, -24.9788, 31.8640

Protanopia

216.9420, -22.1564, 13.2059

Deuteranopia

218.8950, -24.1052, 31.6641



Tritanopia

221.5460, -1.2552, 29.3392

Trichromacy



Original Color

218.6670, -24.9788, 31.8640

Protanomaly

217.4590, -22.9043, 19.7685

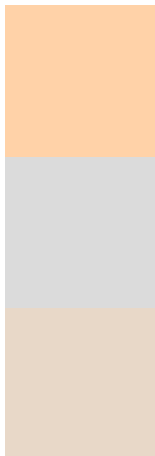
Deuteranomaly

218.7810, -24.5420, 31.7641

Tritanomaly

220.5540, -10.1331, 30.2091

Monochromacy



Original Color

218.6670, -24.9788, 31.8640

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.9600, -9.3473, 11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.6670, -24.9788, 31.8640 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, 210, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 168)  
}
```

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, 210, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 168) }
```

Border

The CSS property to change the border of an element to YUV 218.6670, -24.9788, 31.8640 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, 210, 168) }
```


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

```
.border{ border-color:rgb(255, 210, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 218.6670, -24.9788, 31.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 168) }
```

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

```
.background{ background-color: rgb(255,  
210, 168) }
```

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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