

Converting Colors

YUV(218.7320, -26.9829,
21.2830)

Have a look what the booklet for
YUV(218.7320, -26.9829, 21.2830)
contains.

YUV(218.7320, -26.9829, 21.2830)	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(218.7320, -26.9829,
21.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D9A4
RGB	243, 217, 164
RGB Percent	95%, 85%, 64%
CMY	0.0471, 0.1490, 0.3569
CMYK	0.00, 0.11, 0.33, 0.05
HSL	40°, 77%, 80%
HSV	40°, 33%, 95%
XYZ	68.4758, 71.3607, 45.2869
YIQ	218.7320, 32.5090, -10.9710

Conversions

Conversions Part 2

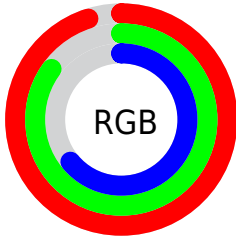
Format	Color
RYB	203, 243, 164
Decimal	15980964
CIELab	87.66, 1.42, 29.43
CIELCh	88, 29.467, 87.234
Yxy	71.3607, 0.3699, 0.3855
Android (android.graphics.Color)	4294171044 (0xFFFF3D9A4)
YUV	218.7320, -26.9829, 21.2830
Hunter-Lab	84.4753, -3.1393, 27.3475

Details

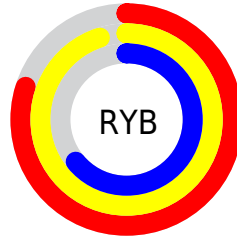
The YUV color $218.7320, -26.9829, 21.2830$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $188.2680, 26.9829, -21.2830$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8960, -15.7247, 3.5992$, and $163.4760, -25.3777, 19.7535$ is the 20% darker color. If you saturate the color by 10%, you get $211.3000, -35.1509, 27.8009$, and if you desaturate by 10%, it is $226.1640, -18.8149, 14.7652$.

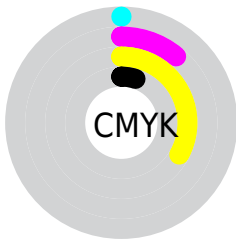
Distribution



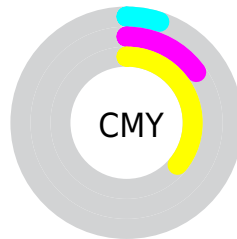
- Red (95%)
- Green (85%)
- Blue (64%)



- Red (80%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.7320, -26.9829, 21.2830 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 218.7320, -26.9829, 21.2830 by changing the saturation by 10% instead.

■ 218.7320,
-26.9829, 21.2830

■ 218.7320,
-26.9829, 21.2830

■ 255.0000, 0.0000,
0.0000

■ 190.5470,
-26.3987, 20.5683

■ 250.8960,
-15.7247, 3.5992

■ 163.4760,
-25.3777, 19.7535

■ 254.2020, -3.0576,
0.6998

■ 136.9920,
-24.6461, 18.4240

■ 111.5080,
-23.9144, 17.0945

■ 87.0240, -23.1828,
15.7650

■ 62.9530, -22.1618,
14.9502

■ 41.3980, -20.4092,

12.8060

■ 22.4820, -11.0836,
8.3473

■ 0.0000, 0.0000,
0.0000

■ 218.7320,
-26.9829, 21.2830

■ 218.7320,
-26.9829, 21.2830

■ 211.3000,
-35.1509, 27.8009

■ 226.1640,
-18.8149, 14.7652

■ 203.7540,
-43.7557, 34.4187

■ 233.7100,
-10.2100, 8.1473

■ 196.3220,
-51.9237, 40.9366

■ 241.1420, -2.0420,
1.6295

■ 188.8900,
-60.0918, 47.4545

■ 247.8900, 3.5052,
-4.2885

■ 181.4580,
-68.2598, 53.9723

■ 251.4120, 1.7689,
-7.3773

■ 173.9120,
-76.8646, 60.5902

■ 168.3380,
-82.9906, 65.4786

Harmonies

Analogous

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



218.1770, -21.7793, 32.2938



218.7320, -26.9829, 21.2830



215.6150, -22.9812, -2.2934

Triad

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



218.7320, -26.9829, 21.2830



207.0230, 18.2297, -60.5332



224.7810, 12.4330, 25.6251

Complementary

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



218.7320, -26.9829, 21.2830



188.2680, 26.9829, -21.2830

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.



220.1800, 17.1663, 0.7191



218.7320, -26.9829, 21.2830



209.2180, 22.5705, -52.8112

Square

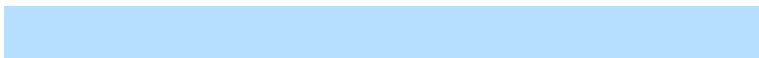
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.7320, -26.9829, 21.2830



208.3160, 3.7882, -48.5121



214.3890, 20.0212, -28.4052



219.0670, 1.9390, 31.5132

Rectangle

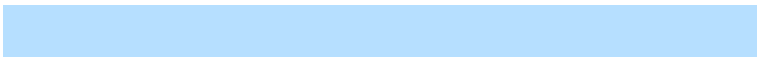
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.7320, -26.9829, 21.2830



213.0520, -15.8016, -18.4626



214.3890, 20.0212, -28.4052



223.5350, 15.5122, 17.9478

Sweetspot

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



218.7320, -26.9829, 21.2830



247.4540, -8.6048, 6.6178



190.5850, -0.2884, 45.9680



122.6540, -5.2524, 4.6884



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.



218.7320, -26.9829, 21.2830



224.3430, -33.6931, 26.8862



230.1070, -32.5908, -0.0938



118.2840, -4.0840, 3.2589



128.9890, -63.5916, 49.9986



40.5340, -19.9833, 16.1947

Inverse Universe

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



188.2680, 26.9829, -21.2830



186.0700, 33.9825, -26.3714



176.8930, 32.5908, 0.0938



113.7160, 4.0840, -3.2589



57.0110, 63.5916, -49.9986



17.8790, 20.2727, -15.6799

Previews

White Background



This preview shows how the YUV color 218.7320, -26.9829, 21.2830 looks on a white background.

Color Contrast Check

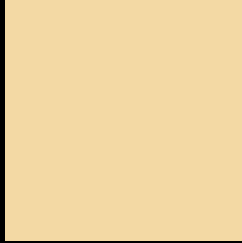
Large Text (above 18pt) WCAG AA × Fail

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 218.7320, -26.9829, 21.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

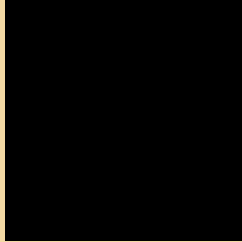
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.7320, -26.9829, 21.2830

Background



This preview shows how black text looks on a background with the YUV color 218.7320, -26.9829, 21.2830.



This preview shows how white text looks on a background with the YUV color 218.7320, -26.9829, 21.2830.

21.2830.

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

218.7320, -26.9829, 21.2830

Protanopia

218.2150, -26.2350, 14.7204

Deuteranopia

220.2970, -23.8104, 30.4345



Tritanopia

223.0830, 0.9451, 23.6062

Trichromacy



Original Color

218.7320, -26.9829, 21.2830

Protanomaly

218.5250, -26.3878, 17.0796

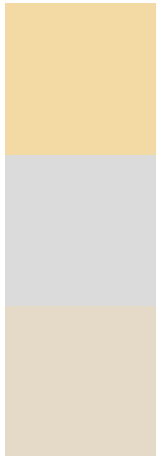
Deuteranomaly

219.9330, -25.1100, 27.2458

Tritanomaly

221.4390, -9.0904, 22.4170

Monochromacy



Original Color

218.7320, -26.9829, 21.2830

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.8240, -9.7732, 8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.7320, -26.9829, 21.2830 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(243, 217, 164)` looks like.

```
.text, #text, p{  
    color:rgb(243, 217, 164)  
}
```

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(243, 217, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 217, 164) }
```

Border

The CSS property to change the border of an element to YUV 218.7320, -26.9829, 21.2830 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(243, 217, 164) }
```


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

```
.border{ border-color:rgb(243, 217, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 217, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 217, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 217, 164);  
box-shadow:4px 4px 4px 4px rgb(243, 217,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 218.7320, -26.9829, 21.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 217, 164) }
```

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

```
.background{ background-color: rgb(243,  
217, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor