

Converting Colors

YUV(217.0790, -23.2099,
24.4867)

Have a look what the booklet for
YUV(217.0790, -23.2099, 24.4867)
contains.

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Color

**YUV(217.0790, -23.2099,
24.4867)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D4AA
RGB	245, 212, 170
RGB Percent	96%, 83%, 67%
CMY	0.0392, 0.1686, 0.3333
CMYK	0.00, 0.13, 0.31, 0.04
HSL	34°, 79%, 81%
HSV	34°, 31%, 96%
XYZ	68.4554, 69.4017, 47.8181
YIQ	217.0790, 33.1500, -6.0660

Conversions

Conversions Part 2

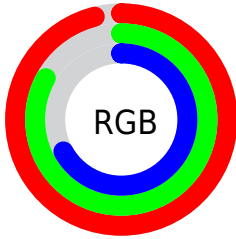
Format	Color
R _Y B	229, 245, 170
Decimal	16110762
CIE Lab	86.70, 5.50, 25.05
CIE LCh	87, 25.649, 77.609
Yxy	69.4017, 0.3687, 0.3738
Android (android.graphics.Color)	4294300842 (0xFFF5D4AA)
YUV	217.0790, -23.2099, 24.4867
Hunter-Lab	83.3077, 0.8881, 24.2833

Details

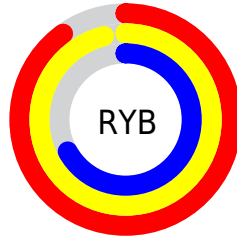
The YUV color $217.0790, -23.2099, 24.4867$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $197.9210, 23.2099, -24.4867$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.5800, -13.1039, 2.9993$, and $161.8230, -21.6047, 22.9572$ is the 20% darker color. If you saturate the color by 10%, you get $207.8860, -30.5098, 32.5490$, and if you desaturate by 10%, it is $226.3860, -15.4733, 16.3245$.

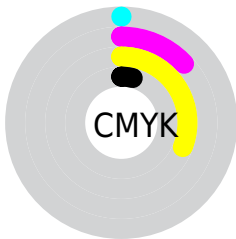
Distribution



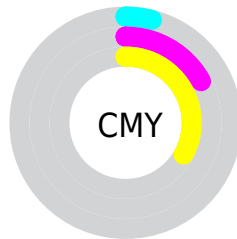
- Red (96%)
- Green (83%)
- Blue (67%)



- Red (90%)
- Yellow (96%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (4%)



- Cyan (4%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.0790, -23.2099, 24.4867 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 217.0790, -23.2099, 24.4867 by changing the saturation by 10% instead.

217.0790,
-23.2099, 24.4867

217.0790,
-23.2099, 24.4867

255.0000, 0.0000,
0.0000

188.8940,
-22.6257, 23.7720

251.5800,
-13.1039, 2.9993

161.8230,
-21.6047, 22.9572

254.8860, -0.4368,
0.1000

135.3390,
-20.8731, 21.6277

109.8550,
-20.1415, 20.2982

85.3710, -19.4099,
18.9686

61.8870, -18.6783,
17.6391

39.6480, -19.5465,

16.0947

■ 20.1450, -9.9315,
12.1508

■ 0.0000, 0.0000,
0.0000

■ 217.0790,
-23.2099, 24.4867

■ 217.0790,
-23.2099, 24.4867

■ 207.8860,
-30.5098, 32.5490

■ 226.3860,
-15.4733, 16.3245

■ 198.5790,
-38.2464, 40.7112

■ 235.5790, -8.1734,
8.2622

■ 189.9730,
-45.8357, 48.2587

■ 244.1850, -0.5842,
0.7148

■ 180.6660,
-53.5723, 56.4209

■ 252.0100, 1.4741,
-6.1478

■ 171.4730,
-60.8722, 64.4832

■ 162.1660,
-68.6088, 72.6454

■ 153.6740,
-75.7613, 80.0929

Harmonies

Analogous

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



217.3280, -17.4167, 33.0383



217.0790, -23.2099, 24.4867



214.4140, -21.4031, 4.8989

Triad

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



217.0790, -23.2099, 24.4867



207.0800, 11.7926, -49.1822



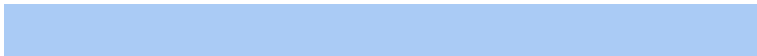
220.5840, 14.5021, 15.2738

Complementary

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



217.0790, -23.2099, 24.4867



197.9210, 23.2099, -24.4867

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.



216.8800, 18.7932, -7.7878



217.0790, -23.2099, 24.4867



208.3110, 21.5387, -48.5077

Square

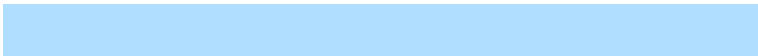
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.0790, -23.2099, 24.4867



208.4270, -1.1965, -36.3315



212.0080, 21.1951, -31.5790



220.2240, 3.8336, 30.4986

Rectangle

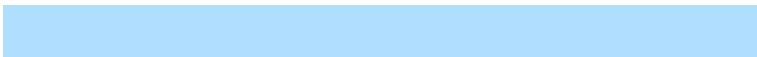
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.0790, -23.2099, 24.4867



212.7650, -17.1391, -9.4409



212.0080, 21.1951, -31.5790



220.2240, 17.1446, 7.6966

Sweetspot

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



217.0790, -23.2099, 24.4867



246.5080, -7.1524, 7.4475



196.3010, 3.7956, 42.7090



122.1810, -4.5262, 5.1033



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.



217.0790, -23.2099, 24.4867



219.6300, -28.9046, 31.0195



235.2540, -32.1702, 5.0392



117.6970, -3.7946, 3.7737



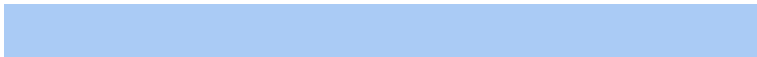
116.6620, -57.5144, 60.8094



37.0120, -18.2469, 19.2835

Inverse Universe

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



197.9210, 23.2099, -24.4867



195.7830, 29.1940, -30.5047



179.7460, 32.1702, -5.0392



114.8900, 3.5052, -4.2885



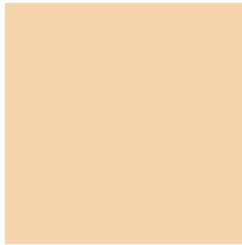
69.3380, 57.5144, -60.8094



21.9880, 18.2469, -19.2835

Previews

White Background



This preview shows how the YUV color 217.0790, -23.2099, 24.4867 looks on a white background.

Color Contrast Check

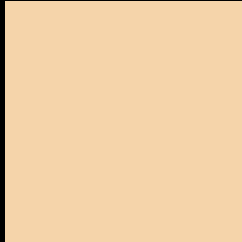
Large Text (above 18pt) WCAG AA × Fail

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 217.0790, -23.2099, 24.4867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

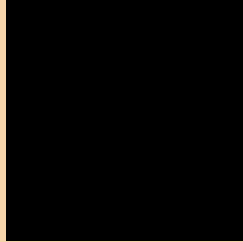
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.0790, -23.2099, 24.4867

Background



This preview shows how black text looks on a background with the YUV color 217.0790, -23.2099, 24.4867.



This preview shows how white text looks on a background with the YUV color 217.0790, -23.2099, 24.4867.

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

217.0790, -23.2099, 24.4867

Protanopia

216.0560, -21.7196, 13.1059

Deuteranopia

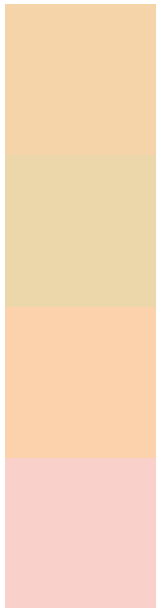
218.1230, -23.2316, 31.4641



Tritanopia

220.5780, 0.2080, 26.6801

Trichromacy



Original Color

217.0790, -23.2099, 24.4867

Protanomaly

216.2630, -22.3147, 17.3093

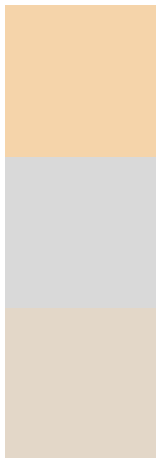
Deuteranomaly

217.8130, -23.0788, 29.1050

Tritanomaly

219.5750, -8.6645, 25.8057

Monochromacy



Original Color

217.0790, -23.2099, 24.4867

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.8780, -8.3209, 8.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0790, -23.2099, 24.4867 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(245, 212, 170)` looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 170)  
}
```

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(245, 212, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 170) }
```

Border

The CSS property to change the border of an element to YUV 217.0790, -23.2099, 24.4867 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(245, 212, 170) }
```


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

```
.border{ border-color:rgb(245, 212, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 212, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 170);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 217.0790, -23.2099, 24.4867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 170) }
```

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

```
.background{ background-color: rgb(245,  
212, 170) }
```

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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