

Converting Colors

YUV(199.1620, -22.2649,
48.0929)

Have a look what the booklet for
YUV(199.1620, -22.2649, 48.0929)
contains.

YUV(199.1620, -22.2649, 48.0929)	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(199.1620, -22.2649,
48.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB49A
RGB	254, 180, 154
RGB Percent	100%, 71%, 60%
CMY	0.0039, 0.2941, 0.3961
CMYK	0.00, 0.29, 0.39, 0.00
HSL	16°, 98%, 80%
HSV	16°, 39%, 100%
XYZ	63.0270, 56.0464, 38.0680
YIQ	199.1620, 52.4500, 7.6020

Conversions

Conversions Part 2

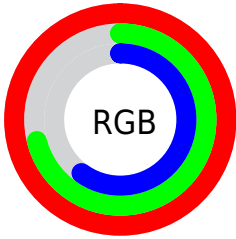
Format	Color
R _Y B	254, 189, 154
Decimal	16692378
CIE Lab	79.64, 23.77, 24.00
CIE LCh	80, 33.780, 45.277
Yxy	56.0464, 0.4011, 0.3567
Android (android.graphics.Color)	4294882458 (0xFFFE B49A)
YUV	199.1620, -22.2649, 48.0929
Hunter-Lab	74.8642, 19.2642, 22.2563

Details

The YUV color $199.1620, -22.2649, 48.0929$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $208.8380, 22.2649, -48.0929$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.6030, -14.5943, 14.3802$, and $144.5960, -20.5068, 44.2043$ is the 20% darker color. If you saturate the color by 10%, you get $185.1590, -27.6864, 60.3736$, and if you desaturate by 10%, it is $213.1650, -16.8433, 35.8123$.

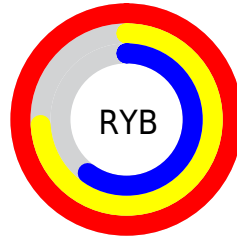
Distribution



Red (100%)

Green (71%)

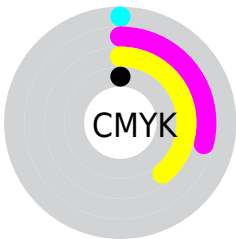
Blue (60%)



Red (100%)

Yellow (74%)

Blue (60%)

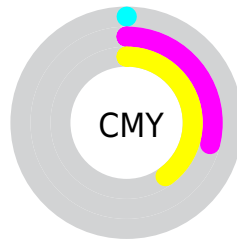


Cyan (0%)

Magenta (29%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1620, -22.2649, 48.0929 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 199.1620, -22.2649, 48.0929 by changing the saturation by 10% instead.

199.1620,
-22.2649, 48.0929

199.1620,
-22.2649, 48.0929

255.0000, 0.0000,
0.0000

171.3790,
-21.3858, 46.1486

238.6030,
-14.5943, 14.3802

144.5960,
-20.5068, 44.2043

252.9480, -7.8624,
1.7996

118.2260,
-19.3384, 42.7748

93.0300, -18.7488,
40.3157

68.1760, -16.8488,
37.5566

44.6810, -16.1117,
34.4828

22.3370, -11.0121,

32.1535

■ 10.8780, -4.8699,
22.0320

■ 0.0000, 0.0000,
0.0000

■ 199.1620,
-22.2649, 48.0929

■ 199.1620,
-22.2649, 48.0929

■ 185.1590,
-27.6864, 60.3736

■ 213.1650,
-16.8433, 35.8123

■ 171.0420,
-33.5447, 72.7542

■ 227.2820,
-10.9850, 23.4317

■ 157.6260,
-39.2556, 84.5200

■ 240.6980, -5.2741,
11.6659

■ 143.5090,
-45.1139, 96.9006

254.7010, 0.1474,
-0.6148

■ 129.5060,
-50.5355, 109.1812

■ 115.5030,
-55.9570, 121.4619

■ 114.6880,
-56.5412, 122.1766

Harmonies

Analogous

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



199.1310, -8.4456, 48.9971



199.1620, -22.2649, 48.0929



196.8150, -29.4888, 31.7342

Triad

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



199.1620, -22.2649, 48.0929



185.3070, -2.6164, -47.6272



197.3550, 28.4190, -15.2203

Complementary

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



199.1620, -22.2649, 48.0929



208.8380, 22.2649, -48.0929

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.



189.1720, 32.4532, -49.2628



199.1620, -22.2649, 48.0929



180.6860, 15.9308, -69.8846

Square

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



199.1620, -22.2649, 48.0929



190.2430, -18.8538, -19.5071



181.5190, 29.3241, -72.3692



201.9740, 19.7328, 17.5628

Rectangle

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



199.1620, -22.2649, 48.0929



194.9010, -30.0242, 16.7498



181.5190, 29.3241, -72.3692



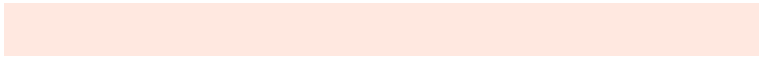
194.3320, 29.9093, -26.6012

Sweetspot

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



199.1620, -22.2649, 48.0929



237.9650, -6.8847, 14.9397



192.4500, 18.0192, 53.9794



117.7300, -3.8109, 9.0068



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.



199.1620, -22.2649, 48.0929



189.0770, -26.6600, 57.8145



227.9250, -36.4450, 22.8678



120.6480, -2.7845, 6.4477



86.4590, -42.6243, 91.6825



29.1150, -14.3537, 30.5941

Inverse Universe

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



208.8380, 22.2649, -48.0929



200.9230, 26.6600, -57.8145



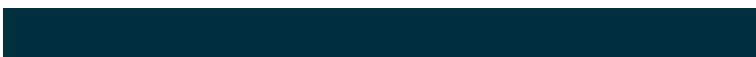
180.0750, 36.4450, -22.8678



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973



34.8850, 14.3537, -30.5941

Previews

White Background



This preview shows how the YUV color 199.1620, -22.2649, 48.0929 looks on a white background.

Color Contrast Check

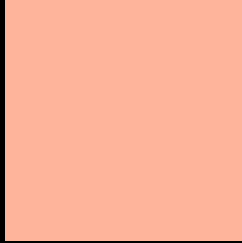
Large Text (above 18pt) WCAG AA × Fail

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 199.1620, -22.2649, 48.0929 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 199.1620, -22.2649, 48.0929

Background



This preview shows how black text looks on a background with the YUV color 199.1620, -22.2649, 48.0929.

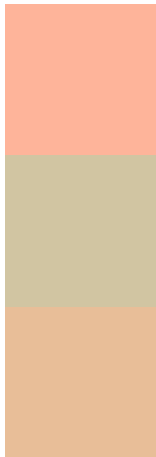


This preview shows how white text looks on a background with the YUV color 199.1620, -22.2649,

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

199.1620, -22.2649, 48.0929

Protanopia

196.5980, -17.0568, 10.8766

Deuteranopia

198.2260, -22.7894, 29.6198



Tritanopia

201.1030, -5.9668, 47.2677

Trichromacy



Original Color

199.1620, -22.2649, 48.0929

Protanomaly

197.5180, -18.9894, 24.1017

Deuteranomaly

198.3840, -22.3743, 36.4972

Tritanomaly

200.2080, -11.9345, 48.0526

Monochromacy



Original Color

199.1620, -22.2649, 48.0929

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0470, -7.9112, 17.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1620, -22.2649, 48.0929 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(254, 180, 154)` looks like.

```
.text, #text, p{  
    color:rgb(254, 180, 154)  
}
```

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(254, 180, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 180, 154) }
```

Border

The CSS property to change the border of an element to YUV 199.1620, -22.2649, 48.0929 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(254, 180, 154) }
```


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

```
.border{ border-color:rgb(254, 180, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 180, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 180, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 180, 154);  
box-shadow:4px 4px 4px 4px rgb(254, 180,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 199.1620, -22.2649, 48.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 180, 154) }
```

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

```
.background{ background-color: rgb(254,  
180, 154) }
```

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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