

Converting Colors

YUV(226.5890, -20.0104,
24.9164)

Have a look what the booklet for
YUV(226.5890, -20.0104, 24.9164)
contains.

YUV(226.5890, -20.0104, 24.9164)	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(226.5890, -20.0104,
24.9164)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCBA
RGB	255, 220, 186
RGB Percent	100%, 86%, 73%
CMY	0.0000, 0.1373, 0.2706
CMYK	0.00, 0.14, 0.27, 0.00
HSL	30°, 100%, 86%
HSV	30°, 27%, 100%
XYZ	75.6961, 75.9916, 57.1326
YIQ	226.5890, 31.7740, -3.1540

Conversions

Conversions Part 2

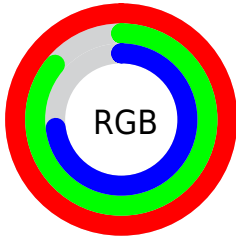
Format	Color
R _Y B	255, 253, 186
Decimal	16768186
CIE Lab	89.86, 7.19, 21.20
CIE LCh	90, 22.382, 71.263
Yxy	75.9916, 0.3625, 0.3639
Android (android.graphics.Color)	4294958266 (0xFFFFDCBA)
YUV	226.5890, -20.0104, 24.9164
Hunter-Lab	87.1731, 2.4461, 22.1630

Details

The YUV color $226.5890, -20.0104, 24.9164$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $214.4110, 20.0104, -24.9164$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, -5.6784, 1.2997$, and $170.9200, -18.6946, 22.8722$ is the 20% darker color. If you saturate the color by 10%, you get $216.1080, -27.1682, 34.1083$, and if you desaturate by 10%, it is $237.0700, -12.8525, 15.7246$.

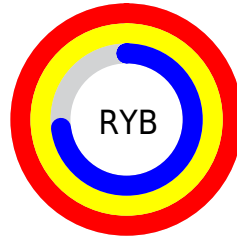
Distribution



Red (100%)

Green (86%)

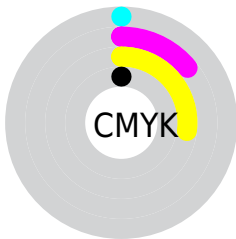
Blue (73%)



Red (100%)

Yellow (99%)

Blue (73%)

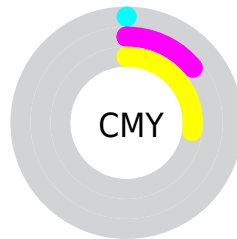


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.5890, -20.0104, 24.9164 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 226.5890, -20.0104, 24.9164 by changing the saturation by 10% instead.

226.5890,
-20.0104, 24.9164

226.5890,
-20.0104, 24.9164

255.0000, 0.0000,
0.0000

198.4040,
-19.4262, 24.2017

253.5180, -5.6784,
1.2997

170.9200,
-18.6946, 22.8722

144.6210,
-18.5472, 22.2574

118.5500,
-17.5261, 21.4427

93.7670, -16.6471,
19.4983

69.5820, -16.0629,
18.7836

46.9130, -14.7471,

16.7393

■ 26.3580, -12.9945,
14.5950

■ 4.7840, -2.3585,
9.8364

■ 226.5890,
-20.0104, 24.9164

■ 226.5890,
-20.0104, 24.9164

■ 216.1080,
-27.1682, 34.1083

■ 237.0700,
-12.8525, 15.7246

■ 205.5130,
-34.7629, 43.4001

■ 247.6650, -5.2578,
6.4328

■ 194.9180,
-42.3576, 52.6919

255.0000, 0.0000,
0.0000

■ 184.4370,
-49.5154, 61.8838

■ 173.8420,
-57.1101, 71.1756

■ 163.3610,
-64.2680, 80.3674

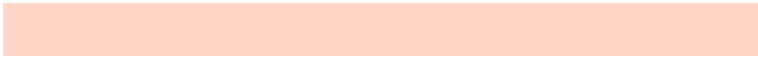
■ 152.8800,
-71.4258, 89.5592

■ 150.2070,
-74.0521, 91.9035

Harmonies

Analogous

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



224.5490, -12.5957, 26.7055



226.5890, -20.0104, 24.9164



224.1910, -19.8142, 8.6025

Triad

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



226.5890, -20.0104, 24.9164



217.3970, 7.6923, -40.6902



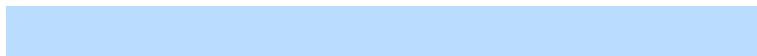
228.7960, 12.9186, 9.8259

Complementary

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



226.5890, -20.0104, 24.9164



214.4110, 20.0104, -24.9164

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.



224.5330, 15.0202, -10.9914



226.5890, -20.0104, 24.9164



218.7910, 16.8650, -42.7897

Square

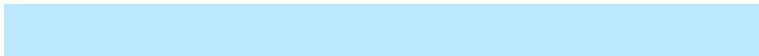
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.5890, -20.0104, 24.9164



219.2000, -3.5496, -28.2394



220.8680, 16.8271, -30.5792



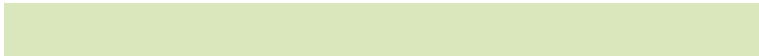
228.6360, 5.6025, 23.1212

Rectangle

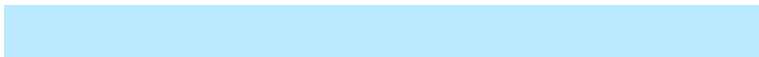
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.5890, -20.0104, 24.9164



222.3250, -16.4292, -3.7930



220.8680, 16.8271, -30.5792



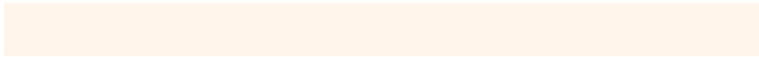
227.2790, 13.6665, 3.2633

Sweetspot

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



226.5890, -20.0104, 24.9164



246.8500, -5.8420, 7.1476



210.7350, 5.5536, 38.8204



122.4090, -3.6526, 4.9033



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.



226.5890, -20.0104, 24.9164



221.5850, -23.9524, 29.3050



246.5470, -29.8497, 7.4133



122.4090, -3.6526, 4.9033



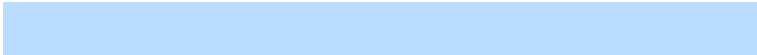
112.2870, -55.3575, 69.0313



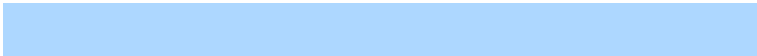
37.3330, -18.4052, 23.3870

Inverse Universe

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



214.4110, 20.0104, -24.9164



207.0020, 23.6630, -29.8198



194.4530, 29.8497, -7.4133



120.0040, 3.9420, -4.3885



78.7130, 55.3575, -69.0313



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 226.5890, -20.0104, 24.9164 looks on a white background.

Color Contrast Check

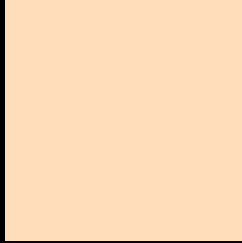
Large Text (above 18pt) WCAG AA × Fail

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 226.5890, -20.0104, 24.9164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

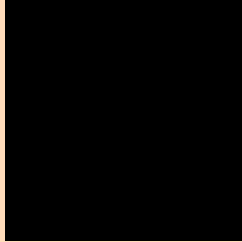
Any Text WCAG AA ✓ Pass

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 226.5890, -20.0104, 24.9164 Background



This preview shows how black text looks on a background with the YUV color 226.5890, -20.0104, 24.9164.



This preview shows how white text looks on a background with the YUV color 226.5890, -20.0104,

24.9164.

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

226.5890, -20.0104, 24.9164

Protanopia

225.6690, -18.0778, 11.6913

Deuteranopia

227.0280, -15.7898, 24.5314



Tritanopia

229.2570, 0.3663, 22.5766

Trichromacy



Original Color

226.5890, -20.0104, 24.9164

Protanomaly

226.1750, -18.8203, 16.5095

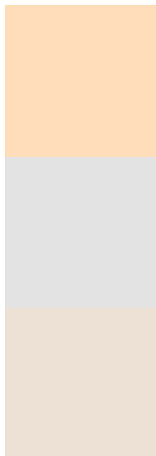
Deuteranomaly

226.6860, -17.1002, 24.8314

Tritanomaly

228.0200, -6.9119, 23.6615

Monochromacy



Original Color

226.5890, -20.0104, 24.9164

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.5190, -7.1579, 9.1918

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.5890, -20.0104, 24.9164 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, 220, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 186)  
}
```

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, 220, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 186) }
```

Border

The CSS property to change the border of an element to YUV 226.5890, -20.0104, 24.9164 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, 220, 186) }
```


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

```
.border{ border-color:rgb(255, 220, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 186); box-shadow:4px 4px 4px 4px rgb(255, 220, 186) }
```

Background

The CSS property to change the background color of an element to YUV 226.5890, -20.0104, 24.9164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 186) }
```

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

```
.background{ background-color: rgb(255,  
220, 186) }
```

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