

Converting Colors

YUV(195.2720, -25.7701,
52.3815)

Have a look what the booklet for
YUV(195.2720, -25.7701, 52.3815)
contains.

YUV(195.2720, -25.7701, 52.3815)	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(195.2720, -25.7701,
52.3815)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF8F
RGB	255, 175, 143
RGB Percent	100%, 69%, 56%
CMY	0.0000, 0.3137, 0.4392
CMYK	0.00, 0.31, 0.44, 0.00
HSL	17°, 100%, 78%
HSV	17°, 44%, 100%
XYZ	61.5279, 53.9031, 33.1481
YIQ	195.2720, 57.9520, 7.0080

Conversions

Conversions Part 2

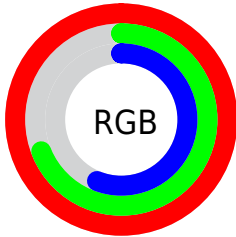
Format	Color
R _Y B	255, 188, 143
Decimal	16756623
CIE Lab	78.41, 25.61, 28.22
CIE LCh	78, 38.111, 47.781
Yxy	53.9031, 0.4141, 0.3628
Android (android.graphics.Color)	4294946703 (0xFFFFAF8F)
YUV	195.2720, -25.7701, 52.3815
Hunter-Lab	73.4187, 21.1075, 24.6241

Details

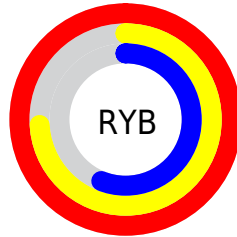
The YUV color **195.2720, -25.7701, 52.3815** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **202.7280, 25.7701, -52.3815**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3000, -18.3889, 18.1539**, and **140.7060, -24.0121, 48.4928** is the 20% darker color. If you saturate the color by 10%, you get **181.8560, -31.4810, 64.1473**, and if you desaturate by 10%, it is **208.8020, -19.6224, 40.5156**.

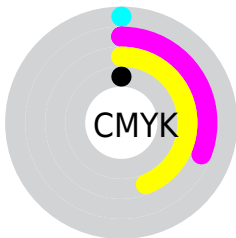
Distribution



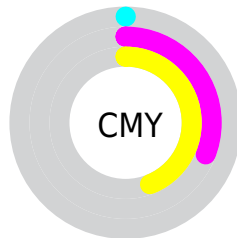
- Red (100%)
- Green (69%)
- Blue (56%)



- Red (100%)
- Yellow (74%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.2720, -25.7701, 52.3815 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 195.2720, -25.7701, 52.3815 by changing the saturation by 10% instead.

195.2720,
-25.7701, 52.3815

195.2720,
-25.7701, 52.3815

255.0000, 0.0000,
0.0000

167.4890,
-24.8911, 50.4371

234.3000,
-18.3889, 18.1539

140.7060,
-24.0121, 48.4928

251.5800,
-13.1039, 2.9993

114.6240,
-22.9856, 45.9338

254.8860, -0.4368,
0.1000

88.7700, -21.0856,
43.1747

64.6880, -20.0592,
40.6156

40.3780, -19.9064,
38.2565

18.8040, -9.2704,

33.4979

■ 9.6820, -4.2802,
19.5729

■ 0.0000, 0.0000,
0.0000

■ 195.2720,
-25.7701, 52.3815

■ 195.2720,
-25.7701, 52.3815

■ 181.8560,
-31.4810, 64.1473

■ 208.8020,
-19.6224, 40.5156

■ 168.3260,
-37.6287, 76.0131

■ 222.2180,
-13.9115, 28.7498

■ 154.2090,
-43.4870, 88.3937

■ 236.3350, -8.0532,
16.3692

■ 140.7930,
-49.1979, 100.1595

■ 249.7510, -2.3422,
4.6034

■ 127.3770, 255.0000, 0.0000,
-54.9089, 111.9254 0.0000

■ 119.0960,
-58.7143, 119.1878

Harmonies

Analogous

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



194.6970, -10.2036, 52.8857



195.2720, -25.7701, 52.3815



193.0880, -33.5674, 33.2488

Triad

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



195.2720, -25.7701, 52.3815



178.5230, -0.2578, -57.4637



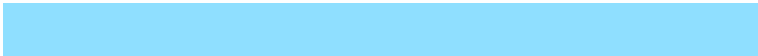
193.8220, 30.1608, -13.8759

Complementary

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



195.2720, -25.7701, 52.3815



202.7280, 25.7701, -52.3815

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.



183.8230, 35.0903, -55.0958



195.2720, -25.7701, 52.3815



171.2540, 21.0738, -86.1688

Square

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



195.2720, -25.7701, 52.3815



184.6830, -19.5637, -25.1550



172.7280, 35.6301, -88.3385



198.4630, 21.4637, 22.3959

Rectangle

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



195.2720, -25.7701, 52.3815



190.9780, -33.5132, 15.8053



172.7280, 35.6301, -88.3385



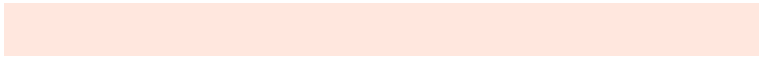
190.4890, 31.8039, -27.6159

Sweetspot

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



195.2720, -25.7701, 52.3815



237.1500, -7.4689, 15.6545



185.6080, 18.4343, 60.8568



116.8010, -4.8319, 9.8215



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.



195.2720, -25.7701, 52.3815



182.6710, -30.8968, 63.4325



228.1440, -41.9760, 23.5527



120.6480, -2.7845, 6.4477



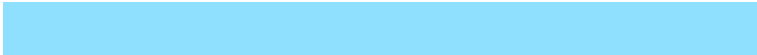
89.3940, -44.0712, 89.1085



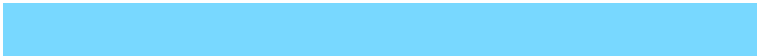
29.7020, -14.6431, 30.0793

Inverse Universe

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



202.7280, 25.7701, -52.3815



191.7420, 31.1862, -62.9177



169.8560, 41.9760, -23.5527



121.7650, 3.0739, -5.9329



102.1930, 43.7819, -89.6233



34.2980, 14.6431, -30.0793

Previews

White Background



This preview shows how the YUV color 195.2720, -25.7701, 52.3815 looks on a white background.

Color Contrast Check

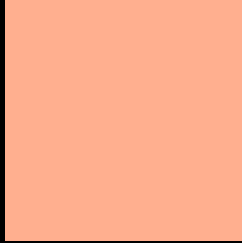
Large Text (above 18pt) WCAG AA × Fail

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 195.2720, -25.7701, 52.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

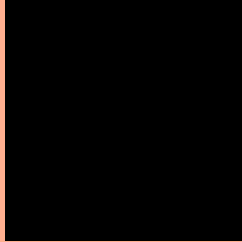
Any Text WCAG AA ✓ Pass

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 195.2720, -25.7701, 52.3815 Background



This preview shows how black text looks on a background with the YUV color 195.2720, -25.7701, 52.3815.



This preview shows how white text looks on a background with the YUV color 195.2720, -25.7701,

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

195.2720, -25.7701, 52.3815

Protanopia

193.0990, -20.2618, 12.1912

Deuteranopia

194.0260, -26.1418, 31.5492



Tritanopia

197.4840, -7.1406, 50.4415

Trichromacy



Original Color

195.2720, -25.7701, 52.3815

Protanomaly

193.7310, -22.0524, 26.5459

Deuteranomaly

194.4830, -25.8741, 39.0414

Tritanomaly

196.3610, -13.9820, 51.4264

Monochromacy



Original Color

195.2720, -25.7701, 52.3815

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.3030, -9.5164, 19.0283

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.2720, -25.7701, 52.3815 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, 175, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 143)  
}
```

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, 175, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 143) }
```

Border

The CSS property to change the border of an element to YUV 195.2720, -25.7701, 52.3815 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, 175, 143) }
```


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

```
.border{ border-color:rgb(255, 175, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 195.2720, -25.7701, 52.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 143) }
```

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

```
.background{ background-color: rgb(255,  
175, 143) }
```

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