

Converting Colors

YUV(212.5520, -20.4851,
37.2269)

Have a look what the booklet for
YUV(212.5520, -20.4851, 37.2269)
contains.

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Color

**YUV(212.5520, -20.4851,
37.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7AB
RGB	255, 199, 171
RGB Percent	100%, 78%, 67%
CMY	0.0000, 0.2196, 0.3294
CMYK	0.00, 0.22, 0.33, 0.00
HSL	20°, 100%, 84%
HSV	20°, 33%, 100%
XYZ	69.0141, 65.0471, 47.4460
YIQ	212.5520, 42.3640, 3.1640

Conversions

Conversions Part 2

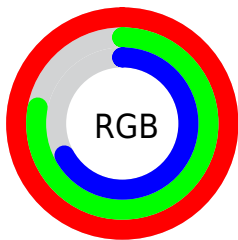
Format	Color
R_{YB}	255, 213, 171
Decimal	16762795
CIE _{Lab}	84.51, 16.18, 21.66
CIE _{LCh}	85, 27.038, 53.245
Yxy	65.0471, 0.3802, 0.3584
Android (android.graphics.Color)	4294952875 (0xFFFFC7AB)
YUV	212.5520, -20.4851, 37.2269
Hunter-Lab	80.6518, 11.6026, 21.5770

Details

The YUV color $212.5520, -20.4851, 37.2269$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $213.4480, 20.4851, -37.2269$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, -12.6671, 2.8994$, and $157.5840, -19.0219, 34.5678$ is the 20% darker color. If you saturate the color by 10%, you get $199.7230, -26.4854, 48.4779$, and if you desaturate by 10%, it is $225.3810, -14.4848, 25.9759$.

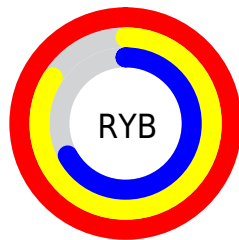
Distribution



Red (100%)

Green (78%)

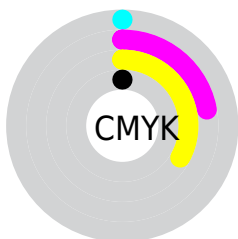
Blue (67%)



Red (100%)

Yellow (84%)

Blue (67%)

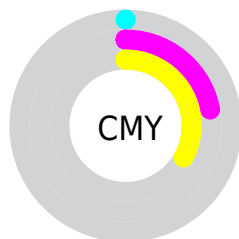


Cyan (0%)

Magenta (22%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 212.5520, -20.4851, 37.2269 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 212.5520, -20.4851, 37.2269 by changing the saturation by 10% instead.

 212.5520,
-20.4851, 37.2269


 212.5520,
-20.4851, 37.2269


255.0000, 0.0000,
0.0000


 184.9540,
-20.1903, 35.9973


 251.6940,
-12.6671, 2.8994

 157.5840,
-19.0219, 34.5678

 131.1000,
-18.2903, 33.2383

 105.3170,
-17.4113, 31.2940

 81.1210, -16.8217,
28.8349

 57.4520, -15.5058,
26.7906

 34.0990, -16.8108,

25.3462

■ 13.4220, -6.6170,
22.4319

■ 0.0000, 0.0000,
0.0000

■ 212.5520,
-20.4851, 37.2269

■ 212.5520,
-20.4851, 37.2269

■ 199.7230,
-26.4854, 48.4779

■ 225.3810,
-14.4848, 25.9759

■ 186.7800,
-32.9225, 59.8289

■ 238.3240, -8.0477,
14.6249

■ 173.9510,
-38.9228, 71.0800

■ 251.2670, -1.6106,
3.2738

■ 161.0080,
-45.3599, 82.4310

■ 255.0000, 0.0000,
0.0000

■ 148.1790,
-51.3602, 93.6820

■ 135.2360,
-57.7973, 105.0330

■ 126.1400,
-62.1870, 113.0102

Harmonies

Analogous

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



211.4240, -9.5760, 38.2162



212.5520, -20.4851, 37.2269



210.4270, -24.3675, 22.4275

Triad

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



212.5520, -20.4851, 37.2269



201.0780, 1.4405, -42.1644



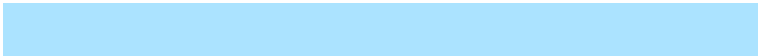
212.1840, 21.1083, -3.6694

Complementary

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



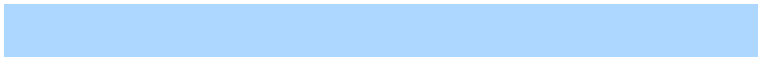
212.5520, -20.4851, 37.2269



213.4480, 20.4851, -37.2269

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.



207.0020, 23.6630, -29.8198



212.5520, -20.4851, 37.2269



199.5570, 15.0084, -53.9855

Square

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



212.5520, -20.4851, 37.2269



204.6540, -12.1544, -21.6216



202.2830, 24.0175, -50.2372



214.9760, 13.3228, 20.1920

Rectangle

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



212.5520, -20.4851, 37.2269



208.5670, -23.4505, 8.2727



202.2830, 24.0175, -50.2372



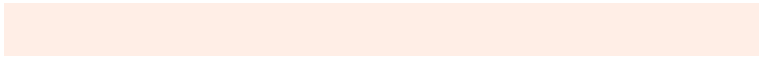
210.3570, 22.0090, -12.5911

Sweetspot

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



212.5520, -20.4851, 37.2269



242.1710, -6.0003, 11.2510



202.5000, 12.0785, 46.0425



119.7190, -3.8055, 7.2624



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

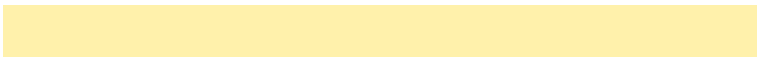
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.5520, -20.4851, 37.2269



203.4560, -24.8748, 45.2041



237.2060, -32.6396, 15.6053



121.2350, -3.0739, 5.9329



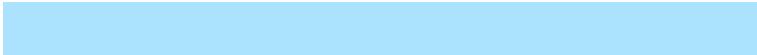
94.6770, -46.6758, 84.4753



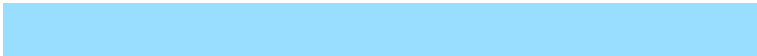
31.4630, -15.5113, 28.5349

Inverse Universe

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



213.4480, 20.4851, -37.2269



204.5440, 24.8748, -45.2041



188.7940, 32.6396, -15.6053



121.1780, 3.3632, -5.4181



96.3230, 46.6758, -84.4753



31.9500, 15.8006, -28.0202

Previews

White Background



This preview shows how the YUV color 212.5520, -20.4851, 37.2269 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 212.5520, -20.4851, 37.2269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

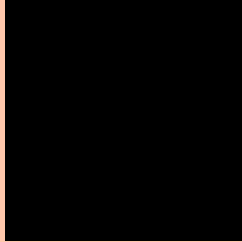
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.5520, -20.4851, 37.2269

Background



This preview shows how black text looks on a background with the YUV color 212.5520, -20.4851, 37.2269.



This preview shows how white text looks on a background with the YUV color 212.5520, -20.4851,

37.2269.

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

212.5520, -20.4851, 37.2269

Protanopia

210.7120, -16.6200, 10.7766

Deuteranopia

212.0950, -20.7528, 29.7347



Tritanopia

214.5360, -2.7292, 35.4869

Trichromacy



Original Color

212.5520, -20.4851, 37.2269

Protanomaly

211.7240, -18.1049, 20.4131

Deuteranomaly

212.4050, -20.9057, 32.0938

Tritanomaly

213.5270, -9.1338, 36.3718

Monochromacy



Original Color

212.5520, -20.4851, 37.2269

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8400, -7.3161, 13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.5520, -20.4851, 37.2269 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, 199, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 171)  
}
```

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, 199, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 171) }
```

Border

The CSS property to change the border of an element to YUV 212.5520, -20.4851, 37.2269 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, 199, 171) }
```


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

```
.border{ border-color:rgb(255, 199, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 212.5520, -20.4851, 37.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 171) }
```

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

```
.background{ background-color: rgb(255,  
199, 171) }
```

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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