

Converting Colors

YUV(202.9030, -29.5322,
45.6891)

Have a look what the booklet for
YUV(202.9030, -29.5322, 45.6891)
contains.

YUV(202.9030, -29.5322, 45.6891)	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(202.9030, -29.5322,
45.6891)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC8F
RGB	255, 188, 143
RGB Percent	100%, 74%, 56%
CMY	0.0000, 0.2627, 0.4392
CMYK	0.00, 0.26, 0.44, 0.00
HSL	24°, 100%, 78%
HSV	24°, 44%, 100%
XYZ	64.1811, 59.2096, 34.0325
YIQ	202.9030, 54.3770, 0.2090

Conversions

Conversions Part 2

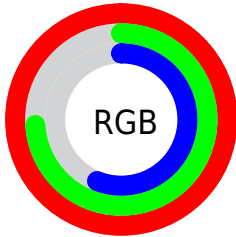
Format	Color
R_{YB}	255, 218, 143
Decimal	16759951
CIE _{Lab}	81.41, 18.80, 32.21
CIE _{LCh}	81, 37.299, 59.729
Yxy	59.2096, 0.4077, 0.3761
Android (android.graphics.Color)	4294950031 (0xFFFFBC8F)
YUV	202.9030, -29.5322, 45.6891
Hunter-Lab	76.9478, 14.2259, 27.6406

Details

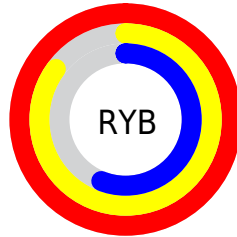
The YUV color $202.9030, -29.5322, 45.6891$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $195.0970, 29.5322, -45.6891$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.9310, -22.1510, 11.4615$, and $148.3370, -27.7741, 41.8005$ is the 20% darker color. If you saturate the color by 10%, you get $191.2480, -36.1113, 55.9105$, and if you desaturate by 10%, it is $214.6720, -22.5163, 35.3677$.

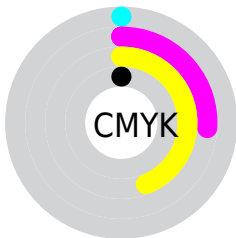
Distribution



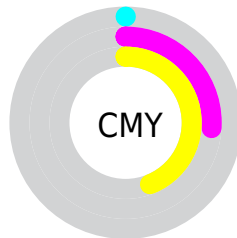
- Red (100%)
- Green (74%)
- Blue (56%)



- Red (100%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.9030, -29.5322, 45.6891 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 202.9030, -29.5322, 45.6891 by changing the saturation by 10% instead.

202.9030,
-29.5322, 45.6891

202.9030,
-29.5322, 45.6891

255.0000, 0.0000,
0.0000

175.1200,
-28.6532, 43.7448

241.9310,
-22.1510, 11.4615

148.3370,
-27.7741, 41.8005

251.5800,
-13.1039, 2.9993

121.6680,
-26.4583, 39.7562

254.8860, -0.4368,
0.1000

96.5860, -25.4319,
37.1971

71.8030, -24.5529,
35.2528

48.3080, -23.8158,
32.1789

27.3210, -13.4693,

26.9055

■ 10.7640, -5.3067,
22.1320

■ 0.0000, 0.0000,
0.0000

■ 202.9030,
-29.5322, 45.6891

■ 202.9030,
-29.5322, 45.6891

■ 191.2480,
-36.1113, 55.9105

■ 214.6720,
-22.5163, 35.3677

■ 178.8920,
-42.8378, 66.7467

■ 226.9140,
-16.2266, 24.6314

■ 167.1230,
-49.8536, 77.0681

■ 238.6830, -9.2107,
14.3100

■ 155.4680,
-56.4327, 87.2896

■ 250.3380, -2.6316,
4.0886

■ 143.8130, 255.0000, 0.0000,
-63.0118, 97.5110 0.0000

■ 136.1190,
-67.1067, 104.2586

Harmonies

Analogous

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



200.5840, -15.5709, 47.7228



202.9030, -29.5322, 45.6891



200.3210, -33.6823, 23.3975

Triad

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



202.9030, -29.5322, 45.6891



184.9330, 7.9210, -67.4702



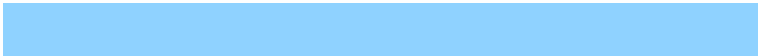
203.9550, 25.1652, 1.7935

Complementary

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



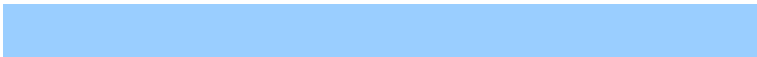
202.9030, -29.5322, 45.6891



195.0970, 29.5322, -45.6891

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.



196.0380, 29.0683, -36.8673



202.9030, -29.5322, 45.6891



180.5620, 27.3309, -86.4389

Square

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



202.9030, -29.5322, 45.6891



191.4410, -12.5424, -37.2208



186.0720, 33.9815, -72.8541



207.5200, 15.0266, 33.7470

Rectangle

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



202.9030, -29.5322, 45.6891



197.7100, -30.4230, 4.6393



186.0720, 33.9815, -72.8541



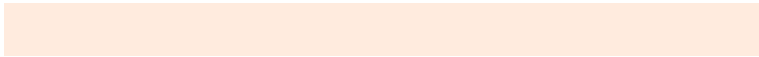
202.1060, 26.0767, -10.6170

Sweetspot

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



202.9030, -29.5322, 45.6891



239.4980, -8.6265, 13.5953



184.1260, 12.7559, 62.1565



117.9750, -5.4107, 8.7919



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.



202.9030, -29.5322, 45.6891



192.0630, -35.5271, 55.1957



235.7750, -45.7381, 16.8603



121.8220, -3.3632, 5.4181



102.3080, -50.4378, 77.7829



34.3980, -16.9582, 25.9610

Inverse Universe

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



195.0970, 29.5322, -45.6891



182.9370, 35.5271, -55.1957



162.2250, 45.7381, -16.8603



120.5910, 3.6526, -4.9033



88.6920, 50.4378, -77.7829



29.6020, 16.9582, -25.9610

Previews

White Background



This preview shows how the YUV color 202.9030, -29.5322, 45.6891 looks on a white background.

Color Contrast Check

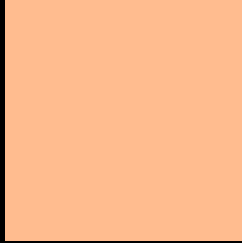
Large Text (above 18pt) WCAG AA × Fail

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 202.9030, -29.5322, 45.6891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

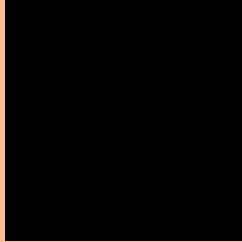
Any Text WCAG AA ✓ Pass

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 202.9030, -29.5322, 45.6891 Background



This preview shows how black text looks on a background with the YUV color 202.9030, -29.5322, 45.6891.



This preview shows how white text looks on a background with the YUV color 202.9030, -29.5322,

45.6891.

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

202.9030, -29.5322, 45.6891

Protanopia

200.4430, -25.3614, 14.5205

Deuteranopia

202.1250, -29.6416, 34.0934



Tritanopia

206.0100, -4.9349, 42.9642

Trichromacy



Original Color

202.9030, -29.5322, 45.6891

Protanomaly

201.4660, -26.8517, 25.9013

Deuteranomaly

202.4460, -29.7999, 38.1969

Tritanomaly

205.0180, -13.8129, 43.8342

Monochromacy



Original Color

202.9030, -29.5322, 45.6891

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.2380, -10.9633, 16.4543

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.9030, -29.5322, 45.6891 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, 188, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 143) }
```

Border

The CSS property to change the border of an element to YUV 202.9030, -29.5322, 45.6891 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, 188, 143) }
```


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

```
.border{ border-color:rgb(255, 188, 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, 188, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 202.9030, -29.5322, 45.6891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 143) }
```

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

```
.background{ background-color: rgb(255,  
188, 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