

Converting Colors

YUV(204.9430, -20.1849,
34.2530)

Have a look what the booklet for
YUV(204.9430, -20.1849, 34.2530)
contains.

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Color

**YUV(204.9430, -20.1849,
34.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C1A4
RGB	244, 193, 164
RGB Percent	96%, 76%, 64%
CMY	0.0431, 0.2431, 0.3569
CMYK	0.00, 0.21, 0.33, 0.04
HSL	22°, 78%, 80%
HSV	22°, 33%, 96%
XYZ	63.0790, 60.0534, 43.3888
YIQ	204.9430, 39.7050, 1.7930

Conversions

Conversions Part 2

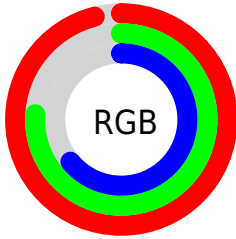
Format	Color
R_{YB}	244, 209, 164
Decimal	16040356
CIE _{Lab}	81.87, 14.29, 21.56
CIE _{LCh}	82, 25.867, 56.462
Yxy	60.0534, 0.3788, 0.3606
Android (android.graphics.Color)	4294230436 (0xFFFF4C1A4)
YUV	204.9430, -20.1849, 34.2530
Hunter-Lab	77.4941, 9.6816, 21.0495

Details

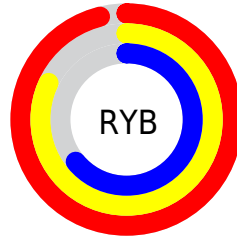
The YUV color $204.9430, -20.1849, 34.2530$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $203.0570, 20.1849, -34.2530$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9610, -14.2778, 6.1732$, and $149.9750, -18.7217, 31.5939$ is the 20% darker color. If you saturate the color by 10%, you get $192.8150, -26.0378, 44.8892$, and if you desaturate by 10%, it is $217.0710, -14.3320, 23.6167$.

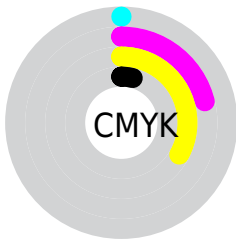
Distribution



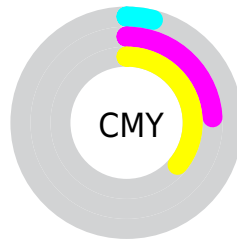
- Red (96%)
- Green (76%)
- Blue (64%)



- Red (96%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.9430, -20.1849, 34.2530 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 204.9430, -20.1849, 34.2530 by changing the saturation by 10% instead.

204.9430,
-20.1849, 34.2530

204.9430,
-20.1849, 34.2530

255.0000, 0.0000,
0.0000

177.4590,
-19.4533, 32.9235

247.9610,
-14.2778, 6.1732

149.9750,
-18.7217, 31.5939

254.2020, -3.0576,
0.6998

124.4910,
-17.9901, 30.2644

98.7080, -17.1110,
28.3201

74.9250, -16.2320,
26.3758

51.2560, -14.9162,
24.3315

29.3590, -14.4740,

22.4872

■ 9.5680, -4.7170,
19.6729

■ 0.0000, 0.0000,
0.0000

■ 204.9430,
-20.1849, 34.2530

■ 204.9430,
-20.1849, 34.2530

■ 192.8150,
-26.0378, 44.8892

■ 217.0710,
-14.3320, 23.6167

■ 181.1600,
-32.6169, 55.1107

■ 228.7260, -7.7529,
13.3953

■ 169.0320,
-38.4698, 65.7469

■ 240.8540, -1.9000,
2.7590

■ 157.3770,
-45.0489, 75.9684

■ 251.7110, 1.6215,
-6.7625

■ 145.2490,
-50.9018, 86.6046

■ 133.7080,
-57.0440, 96.7261

■ 124.6120,
-61.4337, 104.7033

Harmonies

Analogous

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



206.2780, -11.4761, 40.9752



204.9430, -20.1849, 34.2530



202.9320, -23.6305, 19.3536

Triad

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



204.9430, -20.1849, 34.2530



194.1320, 2.8929, -41.3348



205.3800, 20.5187, -1.2103

Complementary

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



204.9430, -20.1849, 34.2530



203.0570, 20.1849, -34.2530

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.



201.2520, 24.5258, -26.5310



204.9430, -20.1849, 34.2530



193.2800, 15.1450, -51.1116

Square

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



204.9430, -20.1849, 34.2530



196.8110, -10.2598, -22.6362



195.7890, 23.2750, -45.4190



207.8190, 11.4282, 21.2067

Rectangle

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



204.9430, -20.1849, 34.2530



201.0120, -21.6979, 6.1285



195.7890, 23.2750, -45.4190



204.1940, 22.5824, -9.8171

Sweetspot

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



204.9430, -20.1849, 34.2530



242.7580, -6.2897, 10.7362



193.8480, 10.9209, 43.9833



120.3060, -4.0949, 6.7476



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.



204.9430, -20.1849, 34.2530



206.7330, -25.0114, 42.3302



227.8360, -31.4711, 14.1758



116.5230, -3.2158, 4.8033



94.9430, -46.8069, 79.8570



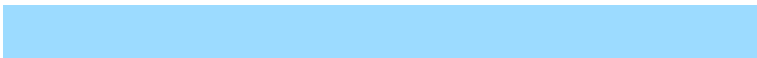
29.9680, -14.7742, 25.4611

Inverse Universe

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



203.0570, 20.1849, -34.2530



204.2670, 25.0114, -42.3302



180.1640, 31.4711, -14.1758



116.0640, 2.9264, -5.3181



91.0570, 46.8069, -79.8570



28.4450, 15.0636, -24.9463

Previews

White Background



This preview shows how the YUV color 204.9430, -20.1849, 34.2530 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 204.9430, -20.1849, 34.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

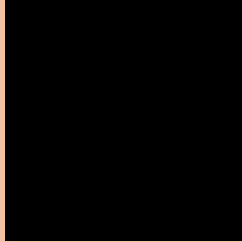
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.9430, -20.1849, 34.2530

Background



This preview shows how black text looks on a background with the YUV color 204.9430, -20.1849, 34.2530.



This preview shows how white text looks on a background with the YUV color 204.9430, -20.1849, 34.2530.

34.2530.

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

204.9430, -20.1849, 34.2530

Protanopia

202.7120, -16.6200, 10.7766

Deuteranopia

204.4970, -20.4580, 28.5051



Tritanopia

207.5360, -2.7292, 35.4869

Trichromacy



Original Color

204.9430, -20.1849, 34.2530

Protanomaly

203.4250, -17.9575, 19.7983

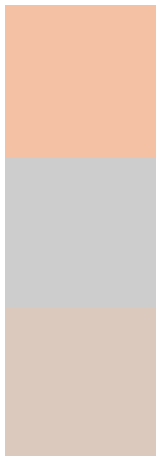
Deuteranomaly

204.8070, -20.6109, 30.8643

Tritanomaly

206.8150, -9.2758, 35.2422

Monochromacy



Original Color

204.9430, -20.1849, 34.2530

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.1280, -7.4581, 12.1657

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.9430, -20.1849, 34.2530 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(244, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(244, 193, 164)  
}
```

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(244, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 193, 164) }
```

Border

The CSS property to change the border of an element to YUV 204.9430, -20.1849, 34.2530 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(244, 193, 164) }
```


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

```
.border{ border-color:rgb(244, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(244, 193,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 204.9430, -20.1849, 34.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 193, 164) }
```

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

```
.background{ background-color: rgb(244,  
193, 164) }
```

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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