

Converting Colors

YUV(193.9530, -32.0218,
50.9072)

Have a look what the booklet for
YUV(193.9530, -32.0218, 50.9072)
contains.

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Color

**YUV(193.9530, -32.0218,
50.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB181
RGB	252, 177, 129
RGB Percent	99%, 69%, 51%
CMY	0.0118, 0.3059, 0.4941
CMYK	0.00, 0.30, 0.49, 0.01
HSL	23°, 95%, 75%
HSV	23°, 49%, 99%
XYZ	59.8295, 53.7247, 27.9854
YIQ	193.9530, 60.1080, 0.9720

Conversions

Conversions Part 2

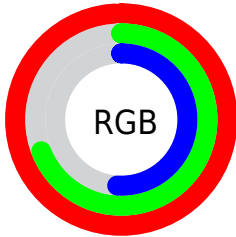
Format	Color
R _Y B	252, 208, 129
Decimal	16560513
CIE Lab	78.30, 22.04, 35.43
CIE LCh	78, 41.724, 58.111
Yxy	53.7247, 0.4227, 0.3796
Android (android.graphics.Color)	4294750593 (0xFFFCB181)
YUV	193.9530, -32.0218, 50.9072
Hunter-Lab	73.2971, 17.4323, 28.6706

Details

The YUV color **193.9530, -32.0218, 50.9072** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **187.0470, 32.0218, -50.9072**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.7640, -25.5197, 18.6240**, and **139.5010, -29.8270, 46.9186** is the 20% darker color. If you saturate the color by 10%, you get **182.2980, -38.6009, 61.1287**, and if you desaturate by 10%, it is **205.6080, -25.4427, 40.6858**.

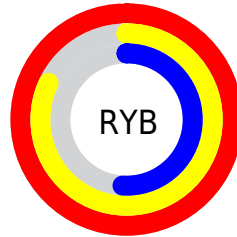
Distribution



Red (99%)

Green (69%)

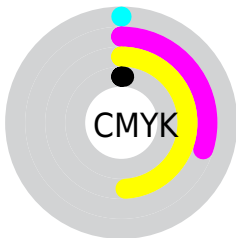
Blue (51%)



Red (99%)

Yellow (82%)

Blue (51%)

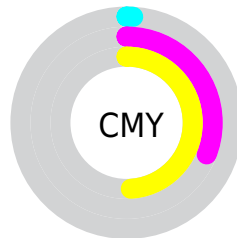


Cyan (0%)

Magenta (30%)

Yellow (49%)

Black (1%)



Cyan (1%)

Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.9530, -32.0218, 50.9072 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 193.9530, -32.0218, 50.9072 by changing the saturation by 10% instead.

193.9530,
-32.0218, 50.9072

193.9530,
-32.0218, 50.9072

255.0000, 0.0000,
0.0000

166.1700,
-31.1428, 48.9629

233.7640,
-25.5197, 18.6240

139.5010,
-29.8270, 46.9186

249.8700,
-19.6559, 4.4990

113.4190,
-28.8006, 44.3595

253.1760, -6.9888,
1.5996

88.0380, -27.6267,
41.1857

62.9560, -26.6003,
38.6266

40.9430, -20.1849,
34.2530

19.9560, -9.8383,

28.9796

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,
0.0000

■ 193.9530,
-32.0218, 50.9072

■ 193.9530,
-32.0218, 50.9072

■ 182.2980,
-38.6009, 61.1287

■ 205.6080,
-25.4427, 40.6858

■ 170.0560,
-44.8906, 71.8649

■ 217.8500,
-19.1530, 29.9496

■ 158.2870,
-51.9065, 82.1863

■ 229.6190,
-12.1372, 19.6281

■ 146.6320,
-58.4856, 92.4077

■ 241.2740, -5.5581,
9.4067

134.3900,
-64.7753, 103.1440

253.5160, 0.7316,
-1.3295

132.8740,
-65.5069, 104.4735

254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



191.8130, -16.1768, 55.4150



193.9530, -32.0218, 50.9072



190.8330, -36.8927, 26.4565

Triad

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



193.9530, -32.0218, 50.9072



172.0950, 8.8272, -78.1363



195.9700, 29.1018, -0.8507

Complementary

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



193.9530, -32.0218, 50.9072



187.0470, 32.0218, -50.9072

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.



185.0630, 34.4789, -45.6593



193.9530, -32.0218, 50.9072



158.3020, 34.8541, -119.5369

Square

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



193.9530, -32.0218, 50.9072



181.1480, -14.8630, -39.5948



169.4050, 42.1983, -95.0712



198.9270, 17.7840, 36.0210

Rectangle

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



193.9530, -32.0218, 50.9072



188.9830, -34.5016, 6.1539



169.4050, 42.1983, -95.0712



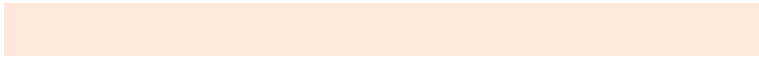
192.3380, 30.8924, -15.2054

Sweetspot

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



193.9530, -32.0218, 50.9072



237.1670, -9.9423, 15.6395



174.4410, 15.0656, 68.0192



117.1600, -5.9949, 9.5067



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.



193.9530, -32.0218, 50.9072



183.8960, -38.8957, 62.3582



229.7600, -49.6747, 19.5045



118.8220, -3.3632, 5.4181



99.9490, -49.2749, 78.0977



32.3270, -15.9372, 25.1462

Inverse Universe

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



187.0470, 32.0218, -50.9072



175.5170, 39.1851, -61.8434



151.2400, 49.6747, -19.5045



118.1780, 3.3632, -5.4181



89.0510, 49.2749, -78.0977



28.6730, 15.9372, -25.1462

Previews

White Background



This preview shows how the YUV color 193.9530, -32.0218, 50.9072 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 193.9530, -32.0218, 50.9072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

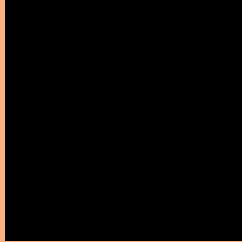
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.9530, -32.0218, 50.9072

Background



This preview shows how black text looks on a background with the YUV color 193.9530, -32.0218, 50.9072.



This preview shows how white text looks on a background with the YUV color 193.9530, -32.0218, 50.9072.

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

193.9530, -32.0218, 50.9072

Protanopia

191.8730, -27.5454, 15.0204

Deuteranopia

193.3270, -32.6992, 34.7932



Tritanopia

197.4840, -7.1406, 50.4415

Trichromacy



Original Color

193.9530, -32.0218, 50.9072

Protanomaly

192.7930, -29.4779, 28.2455

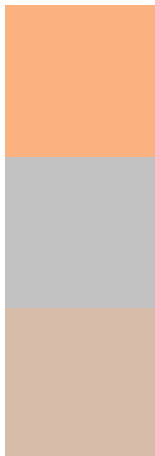
Deuteranomaly

193.7730, -32.4261, 40.5411

Tritanomaly

196.0790, -16.3079, 50.7967

Monochromacy



Original Color

193.9530, -32.0218, 50.9072

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0210, -11.8424, 18.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.9530, -32.0218, 50.9072 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(252, 177, 129)` looks like.

```
.text, #text, p{  
    color:rgb(252, 177, 129)  
}
```

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(252, 177, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 177, 129) }
```

Border

The CSS property to change the border of an element to YUV 193.9530, -32.0218, 50.9072 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(252, 177, 129) }
```


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

```
.border{ border-color:rgb(252, 177, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 177, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 177, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 177, 129);  
box-shadow:4px 4px 4px 4px rgb(252, 177,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 193.9530, -32.0218, 50.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 177, 129) }
```

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

```
.background{ background-color: rgb(252,  
177, 129) }
```

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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