

Converting Colors

YUV(200.2300, -32.1584,
48.0333)

Have a look what the booklet for
YUV(200.2300, -32.1584, 48.0333)
contains.

YUV(200.2300, -32.1584, 48.0333)	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(200.2300, -32.1584,
48.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB987
RGB	255, 185, 135
RGB Percent	100%, 73%, 53%
CMY	0.0000, 0.2745, 0.4706
CMYK	0.00, 0.27, 0.47, 0.00
HSL	25°, 100%, 76%
HSV	25°, 47%, 100%
XYZ	62.9621, 57.7072, 30.7418
YIQ	200.2300, 57.7700, -0.7100

Conversions

Conversions Part 2

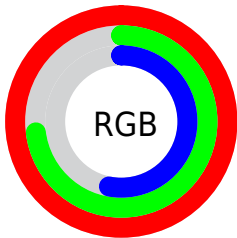
Format	Color
R_{YB}	255, 221, 135
Decimal	16759175
CIE Lab	80.58, 19.59, 35.30
CIE LCh	81, 40.374, 60.976
Yxy	57.7072, 0.4158, 0.3811
Android (android.graphics.Color)	4294949255 (0xFFFFB987)
YUV	200.2300, -32.1584, 48.0333
Hunter-Lab	75.9653, 15.0066, 29.1820

Details

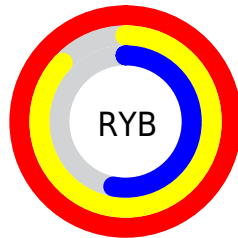
The YUV color $200.2300, -32.1584, 48.0333$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $189.7700, 32.1584, -48.0333$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.2580, -24.7772, 13.8057$, and $145.6640, -30.4004, 44.1447$ is the 20% darker color. If you saturate the color by 10%, you get $188.5750, -38.7375, 58.2547$, and if you desaturate by 10%, it is $211.9990, -25.1425, 37.7119$.

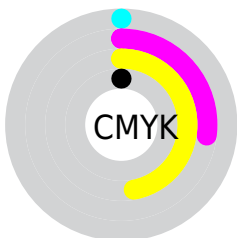
Distribution



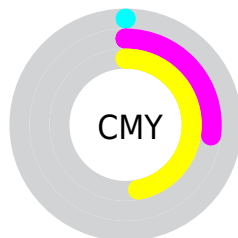
- Red (100%)
- Green (73%)
- Blue (53%)



- Red (100%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.2300, -32.1584, 48.0333 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 200.2300, -32.1584, 48.0333 by changing the saturation by 10% instead.

200.2300,
-32.1584, 48.0333

200.2300,
-32.1584, 48.0333

255.0000, 0.0000,
0.0000

172.4470,
-31.2794, 46.0890

239.2580,
-24.7772, 13.8057

145.6640,
-30.4004, 44.1447

250.6680,
-16.5983, 3.7992

118.9950,
-29.0845, 42.1004

253.8600, -4.3680,
0.9998

93.6140, -27.9107,
38.9265

69.4180, -27.3211,
36.4674

46.2480, -22.8003,
33.1085

25.8480, -12.7431,

27.3203

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,
0.0000

■ 200.2300,
-32.1584, 48.0333

■ 200.2300,
-32.1584, 48.0333

■ 188.5750,
-38.7375, 58.2547

■ 211.9990,
-25.1425, 37.7119

■ 176.8060,
-45.7534, 68.5761

■ 223.6540,
-18.5634, 27.4904

■ 165.0370,
-52.7692, 78.8976

■ 235.4230,
-11.5475, 17.1690

■ 153.3820,
-59.3483, 89.1190

■ 247.0780, -4.9685,
6.9476

■ 142.3140, 255.0000, 0.0000,
-66.2168, 98.8256 0.0000

■ 138.4670,
-68.2642, 102.1994

Harmonies

Analogous

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



196.9650, -16.7447, 50.8967



200.2300, -32.1584, 48.0333



197.3380, -36.1556, 23.3826

Triad

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



200.2300, -32.1584, 48.0333



179.1490, 10.2795, -77.3067



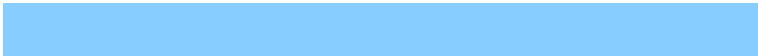
202.1940, 26.0334, 3.3379

Complementary

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



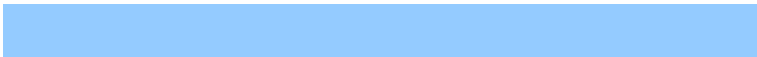
200.2300, -32.1584, 48.0333



189.7700, 32.1584, -48.0333

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.



192.4830, 30.8209, -39.0116



200.2300, -32.1584, 48.0333



171.8310, 32.6213, -103.3378

Square

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



200.2300, -32.1584, 48.0333



187.4080, -12.5261, -42.4538



180.4020, 36.7768, -82.7906



205.3680, 15.5946, 38.2653

Rectangle

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



200.2300, -32.1584, 48.0333



194.7160, -32.8910, 2.8801



180.4020, 36.7768, -82.7906



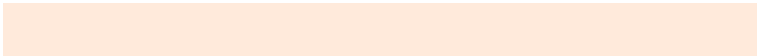
199.1600, 27.5291, -9.7873

Sweetspot

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



200.2300, -32.1584, 48.0333



238.5690, -9.6475, 14.4100



178.8600, 12.8870, 66.7748



117.8610, -5.8475, 8.8919



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.



200.2300, -32.1584, 48.0333



189.9770, -38.4427, 57.0252



235.4500, -49.5218, 17.1454



121.8220, -3.3632, 5.4181



104.0690, -51.3060, 76.2385



34.9850, -17.2476, 25.4462

Inverse Universe

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



189.7700, 32.1584, -48.0333



177.6100, 38.1533, -57.5400



154.5500, 49.5219, -17.1453



120.5910, 3.6526, -4.9033



87.5180, 51.0166, -76.7533



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 200.2300, -32.1584, 48.0333 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 200.2300, -32.1584, 48.0333 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 200.2300, -32.1584, 48.0333

Background



This preview shows how black text looks on a background with the YUV color 200.2300, -32.1584, 48.0333.



This preview shows how white text looks on a background with the YUV color 200.2300, -32.1584,

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

200.2300, -32.1584, 48.0333

Protanopia

198.0580, -28.1296, 15.7351

Deuteranopia

199.7400, -32.4098, 35.3080



Tritanopia

203.7930, -5.8139, 44.9085

Trichromacy



Original Color

200.2300, -32.1584, 48.0333

Protanomaly

199.0810, -29.6199, 27.1160

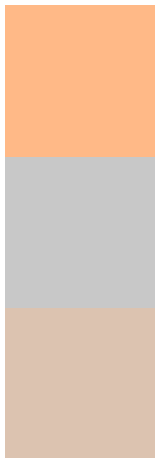
Deuteranomaly

199.4740, -32.2787, 39.9263

Tritanomaly

202.5730, -15.5655, 45.9785

Monochromacy



Original Color

200.2300, -32.1584, 48.0333

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.3090, -11.9843, 17.2690

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.2300, -32.1584, 48.0333 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, 185, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 135)  
}
```

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, 185, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 135) }
```

Border

The CSS property to change the border of an element to YUV 200.2300, -32.1584, 48.0333 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, 185, 135) }
```


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

```
.border{ border-color:rgb(255, 185, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 200.2300, -32.1584, 48.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 135) }
```

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

```
.background{ background-color: rgb(255,  
185, 135) }
```

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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