

Converting Colors

YUV(209.1750, -32.1313,
39.3115)

Have a look what the booklet for
YUV(209.1750, -32.1313, 39.3115)
contains.

YUV(209.1750, -32.1313, 39.3115)	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(209.1750, -32.1313,
39.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC790
RGB	254, 199, 144
RGB Percent	100%, 78%, 56%
CMY	0.0039, 0.2196, 0.4353
CMYK	0.00, 0.22, 0.43, 0.00
HSL	30°, 98%, 78%
HSV	30°, 43%, 100%
XYZ	66.3305, 63.9313, 35.2295
YIQ	209.1750, 50.4350, -5.4450

Conversions

Conversions Part 2

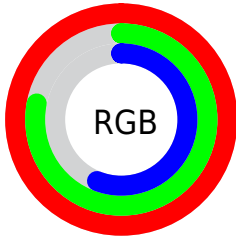
Format	Color
R_{YB}	254, 254, 144
Decimal	16697232
CIE _{Lab}	83.93, 12.77, 34.99
CIE _{LCh}	84, 37.247, 69.952
Yxy	63.9313, 0.4008, 0.3863
Android (android.graphics.Color)	4294887312 (0xFFFE ^C 790)
YUV	209.1750, -32.1313, 39.3115
Hunter-Lab	79.9570, 8.1546, 29.8464

Details

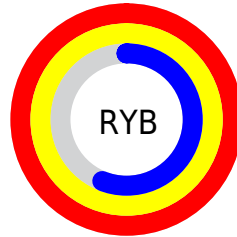
The YUV color $209.1750, -32.1313, 39.3115$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $188.8250, 32.1313, -39.3115$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5020, -24.8975, 5.6987$, and $154.0220, -30.0838, 35.9377$ is the 20% darker color. If you saturate the color by 10%, you get $198.6940, -39.2891, 48.5034$, and if you desaturate by 10%, it is $219.6560, -24.9734, 30.1197$.

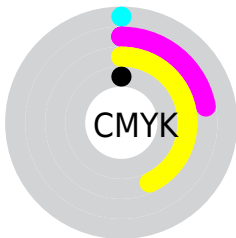
Distribution



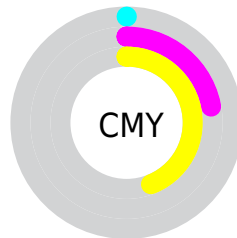
- Red (100%)
- Green (78%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.1750, -32.1313, 39.3115 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 209.1750, -32.1313, 39.3115 by changing the saturation by 10% instead.

209.1750,
-32.1313, 39.3115

209.1750,
-32.1313, 39.3115

255.0000, 0.0000,
0.0000

181.3920,
-31.2523, 37.3672

248.5020,
-24.8975, 5.6987

154.0220,
-30.0838, 35.9377

251.8080,
-12.2303, 2.7994

127.5380,
-29.3522, 34.6082

102.4560,
-28.3258, 32.0491

77.3740, -27.2994,
29.4900

54.1780, -26.7098,
27.0309

33.4900, -16.5106,

22.3723

■ 12.8130, -6.3168,
19.4580

■ 0.0000, 0.0000,
0.0000

■ 209.1750,
-32.1313, 39.3115

■ 209.1750,
-32.1313, 39.3115

■ 198.6940,
-39.2891, 48.5034

■ 219.6560,
-24.9734, 30.1197

■ 188.6860,
-47.1732, 57.2804

■ 229.6640,
-17.0894, 21.3427

■ 178.2050,
-54.3311, 66.4722

■ 240.1450, -9.9315,
12.1508

■ 167.6100,
-61.9257, 75.7640

■ 250.7400, -2.3368,
2.8590

■ 157.7160,
-69.3730, 84.4411

254.7010, 0.1474,
-0.6148

■ 150.4950,
-74.1940, 90.7739

Harmonies

Analogous

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



205.5250, -19.4858, 43.3896



209.1750, -32.1313, 39.3115



206.1950, -32.6341, 13.8610

Triad

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



209.1750, -32.1313, 39.3115



190.5990, 14.4947, -75.9473



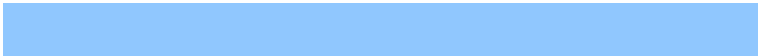
212.5930, 20.9067, 14.3889

Complementary

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



209.1750, -32.1313, 39.3115



188.8250, 32.1313, -39.3115

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.



205.5730, 24.3675, -22.4275



209.1750, -32.1313, 39.3115



189.0120, 31.5461, -85.0795

Square

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



209.1750, -32.1313, 39.3115



196.6830, -6.2527, -47.9570



195.5960, 29.2862, -60.1587



212.1030, 10.7952, 37.6207

Rectangle

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



209.1750, -32.1313, 39.3115



203.7410, -27.4803, -5.9119



195.5960, 29.2862, -60.1587



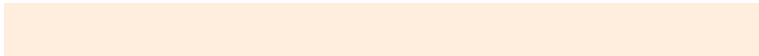
210.4560, 21.9602, 3.1081

Sweetspot

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



209.1750, -32.1313, 39.3115



241.2590, -9.4947, 12.0509



183.1600, 7.8091, 62.1267



119.1490, -5.9895, 7.7623



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.



209.1750, -32.1313, 39.3115



201.0960, -38.9943, 47.2738



241.4600, -48.0478, 10.9976



122.4090, -3.6526, 4.9033



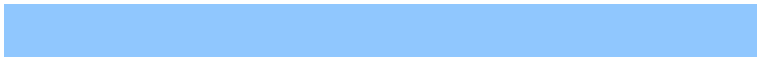
113.4610, -55.9363, 68.0017



37.9200, -18.6946, 22.8722

Inverse Universe

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



188.8250, 32.1313, -39.3115



176.4910, 38.7049, -47.7886



156.5400, 48.0478, -10.9976



120.0040, 3.9420, -4.3885



78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 209.1750, -32.1313, 39.3115 looks on a white background.

Color Contrast Check

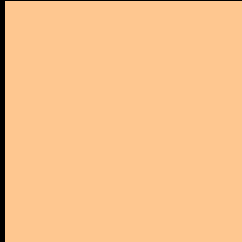
Large Text (above 18pt) WCAG AA × Fail

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 209.1750, -32.1313, 39.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

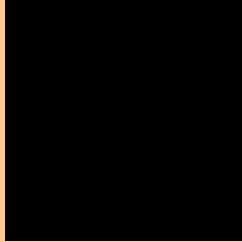
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.1750, -32.1313, 39.3115

Background



This preview shows how black text looks on a background with the YUV color 209.1750, -32.1313, 39.3115.



This preview shows how white text looks on a background with the YUV color 209.1750, -32.1313, 39.3115.

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

209.1750, -32.1313, 39.3115

Protanopia

207.1290, -29.1506, 16.5499

Deuteranopia

209.1530, -32.1204, 35.8228



Tritanopia

213.0200, -3.4609, 36.8165

Trichromacy



Original Color

209.1750, -32.1313, 39.3115

Protanomaly

207.6570, -29.9039, 24.8568

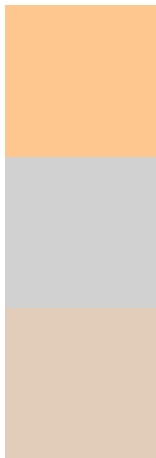
Deuteranomaly

208.8650, -31.9784, 36.9524

Tritanomaly

211.5720, -14.0860, 38.0864

Monochromacy



Original Color

209.1750, -32.1313, 39.3115

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.7000, -11.6841, 14.2951

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.1750, -32.1313, 39.3115 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(254, 199, 144)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 144)  
}
```

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(254, 199, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 144) }
```

Border

The CSS property to change the border of an element to YUV 209.1750, -32.1313, 39.3115 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(254, 199, 144) }
```


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

```
.border{ border-color:rgb(254, 199, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 144);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 209.1750, -32.1313, 39.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 144) }
```

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

```
.background{ background-color: rgb(254,  
199, 144) }
```

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