

Converting Colors

YUV(193.7990, -25.0439,
52.7963)

Have a look what the booklet for
YUV(193.7990, -25.0439, 52.7963)
contains.

YUV(193.7990, -25.0439, 52.7963)	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(193.7990, -25.0439,
52.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAD8F
RGB	254, 173, 143
RGB Percent	100%, 68%, 56%
CMY	0.0039, 0.3216, 0.4392
CMYK	0.00, 0.32, 0.44, 0.00
HSL	16°, 98%, 78%
HSV	16°, 44%, 100%
XYZ	60.7745, 52.9411, 33.0021
YIQ	193.7990, 57.9060, 7.8420

Conversions

Conversions Part 2

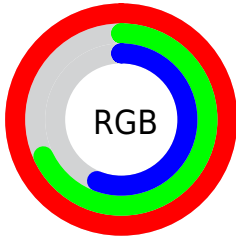
Format	Color
RYB	254, 184, 143
Decimal	16690575
CIELab	77.84, 26.27, 27.45
CIELCh	78, 37.995, 46.254
Yxy	52.9411, 0.4142, 0.3608
Android (android.graphics.Color)	4294880655 (0xFFFEAD8F)
YUV	193.7990, -25.0439, 52.7963
Hunter-Lab	72.7607, 21.7639, 24.0403

Details

The YUV color $193.7990, -25.0439, 52.7963$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $203.2010, 25.0439, -52.7963$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.1260, -17.8101, 19.1835$, and $139.2330, -23.2859, 48.9077$ is the 20% darker color. If you saturate the color by 10%, you get $179.7960, -30.4654, 65.0769$, and if you desaturate by 10%, it is $207.8020, -19.6224, 40.5156$.

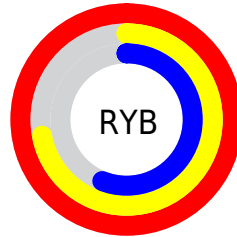
Distribution



Red (100%)

Green (68%)

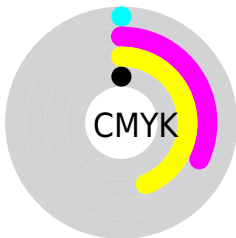
Blue (56%)



Red (100%)

Yellow (72%)

Blue (56%)

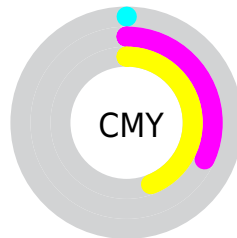


Cyan (0%)

Magenta (32%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.7990, -25.0439, 52.7963 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 193.7990, -25.0439, 52.7963 by changing the saturation by 10% instead.

193.7990,
-25.0439, 52.7963

193.7990,
-25.0439, 52.7963

255.0000, 0.0000,
0.0000

166.0160,
-24.1649, 50.8520

233.1260,
-17.8101, 19.1835

139.2330,
-23.2859, 48.9077

251.5800,
-13.1039, 2.9993

113.2650,
-21.8226, 46.2486

254.8860, -0.4368,
0.1000

87.5960, -20.5068,
44.2043

63.2150, -19.3330,
41.0304

38.9050, -19.1802,
38.6713

17.3310, -8.5442,

33.9127

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,
0.0000

■ 193.7990,
-25.0439, 52.7963

■ 193.7990,
-25.0439, 52.7963

■ 179.7960,
-30.4654, 65.0769

■ 207.8020,
-19.6224, 40.5156

■ 166.2660,
-36.6131, 76.9427

■ 221.3320,
-13.4747, 28.6498

■ 152.2630,
-42.0347, 89.2233

■ 235.3350, -8.0532,
16.3692

■ 138.7330,
-48.1824, 101.0892

■ 248.8650, -1.9054,
4.5034

■ 124.7300,
-53.6039, 113.3698

254.7010, 0.1474,
-0.6148

■ 116.4490,
-57.4094, 120.6322

Harmonies

Analogous

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



193.5230, -9.6248, 53.9153



193.7990, -25.0439, 52.7963



191.8000, -33.4254, 34.3784

Triad

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



193.7990, -25.0439, 52.7963



177.1920, -1.5737, -55.4194



191.7400, 31.1872, -16.4350

Complementary

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



193.7990, -25.0439, 52.7963



203.2010, 25.0439, -52.7963

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.



182.0400, 35.9693, -57.0401



193.7990, -25.0439, 52.7963



169.7380, 20.3422, -84.8392

Square

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



193.7990, -25.0439, 52.7963



183.5800, -20.0059, -23.3107



170.3150, 35.3407, -88.8533



197.4520, 21.4692, 20.6516

Rectangle

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



193.7990, -25.0439, 52.7963



189.6900, -33.3712, 16.9349



170.3150, 35.3407, -88.8533



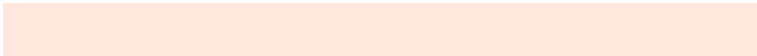
188.7060, 32.6829, -29.5602

Sweetspot

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



193.7990, -25.0439, 52.7963



237.1500, -7.4689, 15.6545



185.4230, 19.0185, 60.1420



116.8010, -4.8319, 9.8215



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.



193.7990, -25.0439, 52.7963



182.8990, -30.0232, 63.2326



226.0840, -40.9604, 24.4823



120.6480, -2.7845, 6.4477



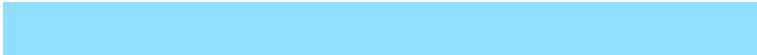
87.6330, -43.2031, 90.6529



29.1150, -14.3537, 30.5941

Inverse Universe

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



203.2010, 25.0439, -52.7963



194.1010, 30.0232, -63.2326



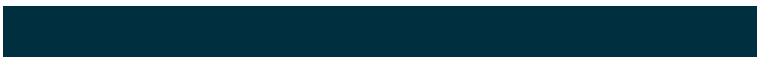
170.9160, 40.9604, -24.4823



121.7650, 3.0739, -5.9329



103.9540, 42.9137, -91.1677



34.8850, 14.3537, -30.5941

Previews

White Background



This preview shows how the YUV color 193.7990, -25.0439, 52.7963 looks on a white background.

Color Contrast Check

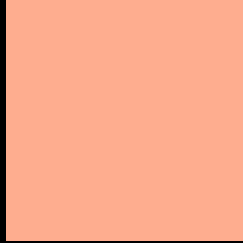
Large Text (above 18pt) WCAG AA × Fail

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 193.7990, -25.0439, 52.7963 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 193.7990, -25.0439, 52.7963

Background



This preview shows how black text looks on a background with the YUV color 193.7990, -25.0439, 52.7963.



This preview shows how white text looks on a background with the YUV color 193.7990, -25.0439,

52.7963.

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

193.7990, -25.0439, 52.7963

Protanopia

191.3270, -19.3882, 11.9912

Deuteranopia

192.8410, -25.5576, 30.8344



Tritanopia

196.0820, -7.4354, 51.6711

Trichromacy



Original Color

193.7990, -25.0439, 52.7963

Protanomaly

192.2580, -21.3262, 26.9607

Deuteranomaly

193.2980, -25.2899, 38.3267

Tritanomaly

195.0730, -13.8400, 52.5560

Monochromacy



Original Color

193.7990, -25.0439, 52.7963

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.7160, -9.2270, 19.5431

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7990, -25.0439, 52.7963 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, 173, 143)` looks like.

```
.text, #text, p{  
    color:rgb(254, 173, 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(254, 173, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 173, 143) }
```

Border

The CSS property to change the border of an element to YUV 193.7990, -25.0439, 52.7963 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, 173, 143) }
```


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

```
.border{ border-color:rgb(254, 173, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 173, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 173, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 173, 143);  
box-shadow:4px 4px 4px 4px rgb(254, 173,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 193.7990, -25.0439, 52.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 173, 143) }
```

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

```
.background{ background-color: rgb(254,  
173, 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