

Converting Colors

YUV(187.1340, -16.3351,
59.5185)

Have a look what the booklet for
YUV(187.1340, -16.3351, 59.5185)
contains.

YUV(187.1340, -16.3351, 59.5185)	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(187.1340, -16.3351,
59.5185)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F9A
RGB	255, 159, 154
RGB Percent	100%, 62%, 60%
CMY	0.0000, 0.3765, 0.3961
CMYK	0.00, 0.38, 0.40, 0.00
HSL	3°, 100%, 80%
HSV	3°, 40%, 100%
XYZ	59.4709, 48.3894, 36.7775
YIQ	187.1340, 58.8210, 18.7970

Conversions

Conversions Part 2

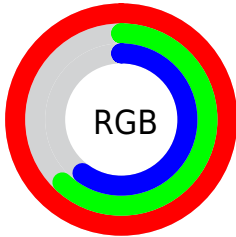
Format	Color
R _{YB}	255, 159, 154
Decimal	16752538
CIE Lab	75.07, 35.11, 17.73
CIE LCh	75, 39.335, 26.795
Yxy	48.3894, 0.4112, 0.3346
Android (android.graphics.Color)	4294942618 (0xFFFF9F9A)
YUV	187.1340, -16.3351, 59.5185
Hunter-Lab	69.5625, 30.8703, 17.3473

Details

The YUV color **187.1340, -16.3351, 59.5185** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **221.8660, 16.3351, -59.5185**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.1620, -8.9539, 25.2909**, and **132.5680, -14.5770, 55.6299** is the 20% darker color. If you saturate the color by 10%, you get **170.1960, -20.3096, 74.3731**, and if you desaturate by 10%, it is **204.0720, -12.3605, 44.6639**.

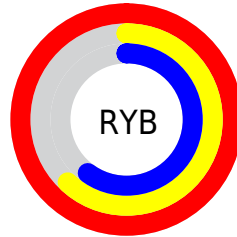
Distribution



Red (100%)

Green (62%)

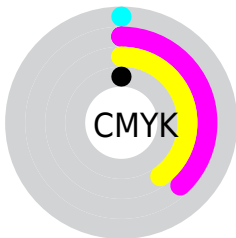
Blue (60%)



Red (100%)

Yellow (62%)

Blue (60%)

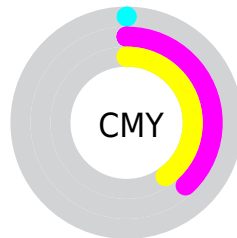


Cyan (0%)

Magenta (38%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1340, -16.3351, 59.5185 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 187.1340, -16.3351, 59.5185 by changing the saturation by 10% instead.

187.1340,
-16.3351, 59.5185

187.1340,
-16.3351, 59.5185

255.0000, 0.0000,
0.0000

159.3510,
-15.4560, 57.5742

226.1620, -8.9539,
25.2909

132.5680,
-14.5770, 55.6299

245.9040, -4.3897,
7.9772

106.4860,
-13.5506, 53.0708

80.5180, -12.0874,
50.4117

55.0770, -9.8980,
48.1675

27.5870, -6.6984,
48.5972

17.0430, -8.4022,

35.0423

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 187.1340,
-16.3351, 59.5185

■ 187.1340,
-16.3351, 59.5185

■ 170.1960,
-20.3096, 74.3731

■ 204.0720,
-12.3605, 44.6639

■ 153.1440,
-24.7210, 89.3277

■ 221.1240, -7.9491,
29.7093

■ 135.6190,
-28.4062, 104.6971

■ 238.7630, -3.8272,
14.2398

■ 118.5670,
-32.8175, 119.6517

255.0000, 0.0000,
0.0000

■ 101.5150,
-37.2289, 134.6063

■ 84.5770, -41.2035,
149.4610

■ 83.8760, -41.3509,
150.0757

Harmonies

Analogous

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



188.8680, 0.5581, 54.4898



187.1340, -16.3351, 59.5185



185.5120, -29.8324, 48.6630

Triad

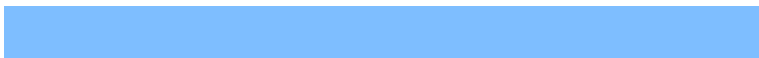
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187.1340, -16.3351, 59.5185



173.5830, -14.5844, -35.5913



178.2740, 37.8259, -45.8443

Complementary

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



187.1340, -16.3351, 59.5185



221.8660, 16.3351, -59.5185

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.



163.4660, 39.7033, -88.1087



187.1340, -16.3351, 59.5185



165.6830, 7.0583, -70.7590

Square

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



187.1340, -16.3351, 59.5185



178.5950, -29.3803, -3.1528



155.7340, 29.7111, -103.2527



187.3010, 30.4176, -2.8950

Rectangle

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



187.1340, -16.3351, 59.5185



183.5720, -34.2990, 34.5784



155.7340, 29.7111, -103.2527



173.7560, 40.0533, -60.2990

Sweetspot

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



187.1340, -16.3351, 59.5185



234.4430, -5.1484, 18.0285



195.3710, 27.9181, 52.2946



115.9690, -2.9427, 10.5512



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.



187.1340, -16.3351, 59.5185



173.0000, -19.7200, 71.9140



215.8970, -30.5152, 34.2933



118.8870, -1.9163, 7.9921



62.3920, -30.7593, 112.7892



20.8970, -10.3022, 37.8013

Inverse Universe

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



221.8660, 16.3351, -59.5185



215.0000, 19.7200, -71.9140



193.1030, 30.5152, -34.2933



123.5260, 2.2057, -7.4773



128.6080, 30.7593, -112.7892



43.1030, 10.3022, -37.8013

Previews

White Background



This preview shows how the YUV color 187.1340, -16.3351, 59.5185 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 187.1340, -16.3351, 59.5185 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 187.1340, -16.3351, 59.5185

Background



This preview shows how black text looks on a background with the YUV color 187.1340, -16.3351, 59.5185.



This preview shows how white text looks on a background with the YUV color 187.1340, -16.3351,

59.5185.

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

187.1340, -16.3351, 59.5185

Protanopia

185.3400, -9.0416, 6.7178

Deuteranopia

185.9850, -17.2476, 25.4462



Tritanopia

187.6700, -9.2043, 59.0484

Trichromacy



Original Color

187.1340, -16.3351, 59.5185

Protanomaly

186.3640, -12.0115, 25.9908

Deuteranomaly

186.4750, -16.9962, 38.1714

Tritanomaly

187.6870, -11.6777, 59.0335

Monochromacy



Original Color

187.1340, -16.3351, 59.5185

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.2370, -6.0328, 21.7172

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1340, -16.3351, 59.5185 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, 159, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 154)  
}
```

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, 159, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 154) }
```

Border

The CSS property to change the border of an element to YUV 187.1340, -16.3351, 59.5185 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, 159, 154) }
```


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

```
.border{ border-color:rgb(255, 159, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 159, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 159, 154); box-shadow:4px 4px 4px 4px rgb(255, 159, 154) }
```

Background

The CSS property to change the background color of an element to YUV 187.1340, -16.3351, 59.5185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 154) }
```

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

```
.background{ background-color: rgb(255,  
159, 154) }
```

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