

Converting Colors

YUV(171.7600, -19.1087,
62.4775)

Have a look what the booklet for
YUV(171.7600, -19.1087, 62.4775)
contains.

YUV(171.7600, -19.1087, 62.4775)	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(171.7600, -19.1087,
62.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	F38F85
RGB	243, 143, 133
RGB Percent	95%, 56%, 52%
CMY	0.0471, 0.4392, 0.4784
CMYK	0.00, 0.41, 0.45, 0.05
HSL	5°, 82%, 74%
HSV	5°, 45%, 95%
XYZ	51.0182, 40.3931, 27.2980
YIQ	171.7600, 62.8100, 18.0900

Conversions

Conversions Part 2

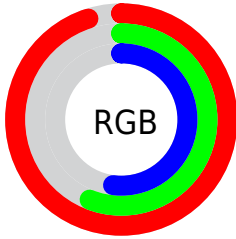
Format	Color
R _Y B	243, 144, 133
Decimal	15961989
CIE Lab	69.75, 36.74, 21.73
CIE LCh	70, 42.688, 30.602
Yxy	40.3931, 0.4298, 0.3403
Android (android.graphics.Color)	4294152069 (0xFFFF38F85)
YUV	171.7600, -19.1087, 62.4775
Hunter-Lab	63.5555, 32.0660, 19.0230

Details

The YUV color **171.7600, -19.1087, 62.4775** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.2400, 19.1087, -62.4775**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6750, -13.6438, 36.2420**, and **117.5960, -17.0558, 57.3593** is the 20% darker color. If you saturate the color by 10%, you get **156.1100, -23.2252, 76.2025**, and if you desaturate by 10%, it is **187.4100, -14.9921, 48.7524**.

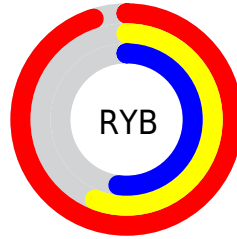
Distribution



Red (95%)

Green (56%)

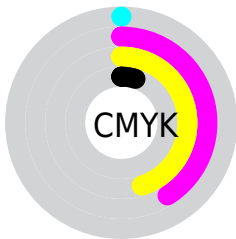
Blue (52%)



Red (95%)

Yellow (56%)

Blue (52%)

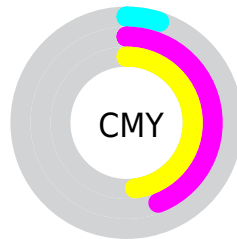


Cyan (0%)

Magenta (41%)

Yellow (45%)

Black (5%)



Cyan (5%)

Magenta (44%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7600, -19.1087, 62.4775 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 171.7600, -19.1087, 62.4775 by changing the saturation by 10% instead.

171.7600,
-19.1087, 62.4775

171.7600,
-19.1087, 62.4775

255.0000, 0.0000,
0.0000

144.6780,
-18.0823, 59.9184

213.6750,
-13.6438, 36.2420

117.5960,
-17.0558, 57.3593

233.3030, -9.5164,
19.0283

91.6280, -15.5926,
54.7002

253.5180, -5.6784,
1.2997

66.0730, -13.8400,
52.5560

38.9850, -10.3456,
51.7562

21.2290, -10.4659,
43.6492

14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 171.7600,
-19.1087, 62.4775

■ 171.7600,
-19.1087, 62.4775

■ 156.1100,
-23.2252, 76.2025

■ 187.4100,
-14.9921, 48.7524

■ 140.3460,
-27.7786, 90.0276

■ 203.1740,
-10.4388, 34.9274

■ 124.6960,
-31.8951, 103.7526

■ 218.8240, -6.3222,
21.2024

■ 109.0460,
-36.0117, 117.4777

■ 234.4740, -2.2057,
7.4773

■ 93.3960, -40.1282,
131.2027

■ 250.1240, 1.9109,
-6.2477

■ 85.5710, -42.1865,
138.0652

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



173.4450, -1.2054, 60.1227



171.7600, -19.1087, 62.4775



170.1160, -32.5952, 48.1333

Triad

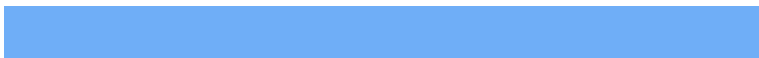
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



171.7600, -19.1087, 62.4775



156.3970, -12.5207, -44.1982



163.4850, 41.1729, -46.0293

Complementary

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



171.7600, -19.1087, 62.4775



204.2400, 19.1087, -62.4775

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.



135.0260, 50.2732, -118.4178



171.7600, -19.1087, 62.4775



142.5600, 13.5279, -92.5761

Square

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



171.7600, -19.1087, 62.4775



163.3340, -30.2377, -8.1859



135.3560, 36.3065, -118.7072



173.2630, 31.4223, 1.5233

Rectangle

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



171.7600, -19.1087, 62.4775



168.4640, -37.2038, 32.9191



135.3560, 36.3065, -118.7072



157.6460, 43.5585, -64.5875

Sweetspot

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



171.7600, -19.1087, 62.4775



232.1120, -6.4642, 20.0728



177.4040, 27.9018, 57.5277



113.7520, -3.8217, 12.4955



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.



171.7600, -19.1087, 62.4775



165.8930, -24.1042, 78.1468



203.4580, -34.7358, 34.6783



114.1750, -2.0583, 6.8625



65.5930, -32.3373, 105.5969



20.5760, -10.1440, 33.6978

Inverse Universe

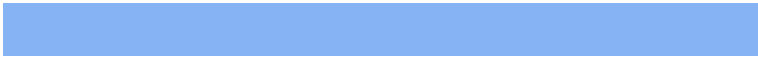
The Inverse Universe completely reimagines the original color for something new.



204.2400, 19.1087, -62.4775



206.1070, 24.1042, -78.1468



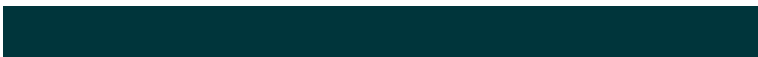
172.5420, 34.7358, -34.6783



117.8250, 2.0583, -6.8625



120.4070, 32.3373, -105.5969



37.8370, 10.4334, -33.1830

Previews

White Background



This preview shows how the YUV color 171.7600, -19.1087, 62.4775 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 171.7600, -19.1087, 62.4775 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 171.7600, -19.1087, 62.4775

Background



This preview shows how black text looks on a background with the YUV color 171.7600, -19.1087, 62.4775.



This preview shows how white text looks on a background with the YUV color 171.7600, -19.1087,

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

171.7600, -19.1087, 62.4775

Protanopia

170.2540, -11.9572, 8.5472

Deuteranopia

171.0730, -20.7420, 26.2460



Tritanopia

172.3500, -10.5255, 62.8371

Trichromacy



Original Color

171.7600, -19.1087, 62.4775

Protanomaly

170.6910, -14.6377, 28.3350

Deuteranomaly

170.9760, -20.2012, 39.4860

Tritanomaly

172.1390, -13.8725, 63.0221

Monochromacy



Original Color

171.7600, -19.1087, 62.4775

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7210, -6.7645, 23.0467

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7600, -19.1087, 62.4775 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(243, 143, 133)` looks like.

```
.text, #text, p{  
    color:rgb(243, 143, 133)  
}
```

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(243, 143, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 143, 133) }
```

Border

The CSS property to change the border of an element to YUV 171.7600, -19.1087, 62.4775 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(243, 143, 133) }
```


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

```
.border{ border-color:rgb(243, 143, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 143, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 143, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 143, 133);  
box-shadow:4px 4px 4px 4px rgb(243, 143,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 171.7600, -19.1087, 62.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 143, 133) }
```

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

```
.background{ background-color: rgb(243,  
143, 133) }
```

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