

Converting Colors

YUV(170.8740, -18.6719,
62.3775)

Have a look what the booklet for
YUV(170.8740, -18.6719, 62.3775)
contains.

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Color

**YUV(170.8740, -18.6719,
62.3775)**

Conversions

Conversions Part 1

Format	Color
Hex	F28E85
RGB	242, 142, 133
RGB Percent	95%, 56%, 52%
CMY	0.0510, 0.4431, 0.4784
CMYK	0.00, 0.41, 0.45, 0.05
HSL	5°, 81%, 74%
HSV	5°, 45%, 95%
XYZ	50.5246, 39.9167, 27.2321
YIQ	170.8740, 62.4890, 18.4010

Conversions

Conversions Part 2

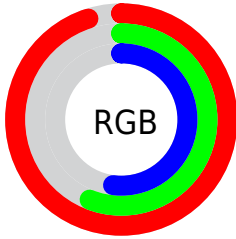
Format	Color
R _Y B	242, 143, 133
Decimal	15896197
CIE Lab	69.41, 36.89, 21.25
CIE LCh	69, 42.570, 29.945
Yxy	39.9167, 0.4294, 0.3392
Android (android.graphics.Color)	4294086277 (0xFFFF28E85)
YUV	170.8740, -18.6719, 62.3775
Hunter-Lab	63.1797, 32.1815, 18.6703

Details

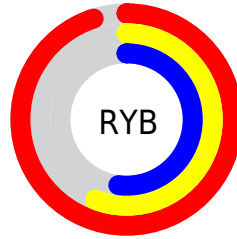
The YUV color **170.8740, -18.6719, 62.3775** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.1260, 18.6719, -62.3775**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0880, -13.3544, 36.7568**, and **117.0090, -16.7664, 57.8741** is the 20% darker color. If you saturate the color by 10%, you get **155.2240, -22.7884, 76.1026**, and if you desaturate by 10%, it is **186.5240, -14.5553, 48.6525**.

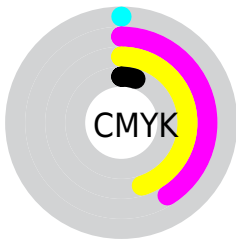
Distribution



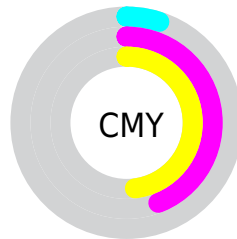
- Red (95%)
- Green (56%)
- Blue (52%)



- 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 170.8740, -18.6719, 62.3775 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 170.8740, -18.6719, 62.3775 by changing the saturation by 10% instead.

170.8740,
-18.6719, 62.3775

170.8740,
-18.6719, 62.3775

255.0000, 0.0000,
0.0000

143.7920,
-17.6455, 59.8184

213.0880,
-13.3544, 36.7568

117.0090,
-16.7664, 57.8741

232.7160, -9.2270,
19.5431

91.0410, -15.3032,
55.2150

252.9310, -5.3890,
1.8145

65.1870, -13.4032,
52.4560

38.0990, -9.9088,
51.6562

20.9300, -10.3185,
43.0344

13.9820, -5.9071,

28.0798

■ 0.0000, 0.0000,
0.0000

■ 170.8740,
-18.6719, 62.3775

■ 170.8740,
-18.6719, 62.3775

■ 155.2240,
-22.7884, 76.1026

■ 186.5240,
-14.5553, 48.6525

■ 139.5740,
-26.9050, 89.8276

■ 202.1740,
-10.4388, 34.9274

■ 123.2230,
-31.1689, 104.1674

■ 218.5250, -6.1748,
20.5876

■ 107.5730,
-35.2855, 117.8925

■ 234.1750, -2.0583,
6.8625

■ 91.9230, -39.4020,
131.6175

■ 249.8250, 2.0583,
-6.8625

■ 84.0980, -41.4603,
138.4801

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



173.1460, -1.0580, 59.5080



170.8740, -18.6719, 62.3775



169.5290, -32.3058, 48.6481

Triad

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



170.8740, -18.6719, 62.3775



155.8810, -13.2523, -42.8686



161.8870, 41.4677, -47.2589

Complementary

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



170.8740, -18.6719, 62.3775



204.1260, 18.6719, -62.3775

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.



134.7980, 49.3996, -118.2178



170.8740, -18.6719, 62.3775



142.3430, 12.6489, -90.6318

Square

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



170.8740, -18.6719, 62.3775



162.6330, -30.3851, -7.5711



134.5410, 35.7223, -117.9925



171.9640, 31.5697, 0.9086

Rectangle

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



170.8740, -18.6719, 62.3775



167.5780, -36.7670, 32.8191



134.5410, 35.7223, -117.9925



156.3470, 43.7059, -65.2023

Sweetspot

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



170.8740, -18.6719, 62.3775



231.5250, -6.1748, 20.5876



177.2190, 28.4860, 56.8129



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.



170.8740, -18.6719, 62.3775



165.3060, -23.8149, 78.6616



201.9850, -34.0096, 35.0932



112.1750, -2.0583, 6.8625



63.8210, -31.4638, 105.3970



19.6790, -9.7017, 31.8535

Inverse Universe

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



204.1260, 18.6719, -62.3775



207.2810, 23.5255, -79.1764



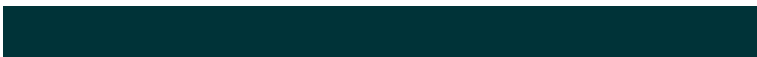
173.0150, 34.0096, -35.0932



115.8250, 2.0583, -6.8625



119.5920, 31.7531, -104.8822



36.3210, 9.7017, -31.8535

Previews

White Background



This preview shows how the YUV color 170.8740, -18.6719, 62.3775 looks on a white background.

Color Contrast Check

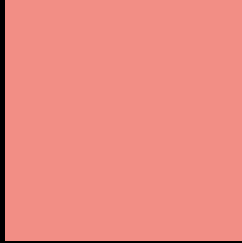
Large Text (above 18pt) WCAG AA × Fail

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 170.8740, -18.6719, 62.3775 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 170.8740, -18.6719, 62.3775

Background



This preview shows how black text looks on a background with the YUV color 170.8740, -18.6719, 62.3775.



This preview shows how white text looks on a background with the YUV color 170.8740, -18.6719, 62.3775.

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

170.8740, -18.6719, 62.3775

Protanopia

169.0690, -11.3730, 7.8325

Deuteranopia

170.1870, -20.3052, 26.1460



Tritanopia

171.3500, -10.5255, 62.8371

Trichromacy



Original Color

170.8740, -18.6719, 62.3775

Protanomaly

169.5060, -14.0535, 27.6202

Deuteranomaly

170.0900, -19.7644, 39.3861

Tritanomaly

171.2530, -13.4357, 62.9221

Monochromacy



Original Color

170.8740, -18.6719, 62.3775

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7210, -6.7645, 23.0467

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8740, -18.6719, 62.3775 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(242, 142, 133)` looks like.

```
.text, #text, p{  
    color:rgb(242, 142, 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(242, 142, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 142, 133) }
```

Border

The CSS property to change the border of an element to YUV 170.8740, -18.6719, 62.3775 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(242, 142, 133) }
```


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

```
.border{ border-color:rgb(242, 142, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 142, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 142, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 142, 133);  
box-shadow:4px 4px 4px 4px rgb(242, 142,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 170.8740, -18.6719, 62.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 142, 133) }
```

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

```
.background{ background-color: rgb(242,  
142, 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](#).

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