

Converting Colors

YUV(169.3920, -24.3503,
63.6772)

Have a look what the booklet for
YUV(169.3920, -24.3503, 63.6772)
contains.

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Color

**YUV(169.3920, -24.3503,
63.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	F28E78
RGB	242, 142, 120
RGB Percent	95%, 56%, 47%
CMY	0.0510, 0.4431, 0.5294
CMYK	0.00, 0.41, 0.50, 0.05
HSL	11°, 82%, 71%
HSV	11°, 50%, 95%
XYZ	49.6811, 39.5793, 22.7904
YIQ	169.3920, 66.6620, 14.3580

Conversions

Conversions Part 2

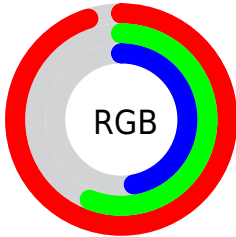
Format	Color
R _{YB}	242, 147, 120
Decimal	15896184
CIE Lab	69.17, 35.66, 28.09
CIE LCh	69, 45.398, 38.232
Yxy	39.5793, 0.4434, 0.3532
Android (android.graphics.Color)	4294086264 (0xFFFF28E78)
YUV	169.3920, -24.3503, 63.6772
Hunter-Lab	62.9121, 30.8637, 22.5602

Details

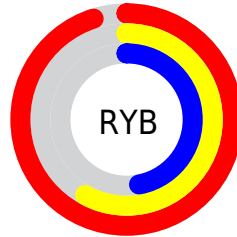
The YUV color $169.3920, -24.3503, 63.6772$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $192.6080, 24.3503, -63.6772$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $211.4920, -19.4696, 38.1565$, and $115.3420, -21.8606, 58.4591$ is the 20% darker color. If you saturate the color by 10%, you get $154.9160, -29.0456, 76.3727$, and if you desaturate by 10%, it is $183.8680, -19.6549, 50.9818$.

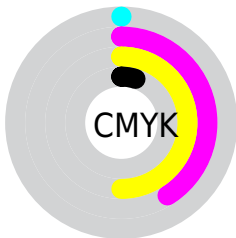
Distribution



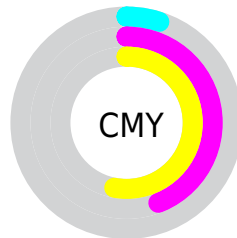
- Red (95%)
- Green (56%)
- Blue (47%)



- Red (95%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.3920, -24.3503, 63.6772 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 169.3920, -24.3503, 63.6772 by changing the saturation by 10% instead.

169.3920,
-24.3503, 63.6772

169.3920,
-24.3503, 63.6772

255.0000, 0.0000,
0.0000

142.3100,
-23.3238, 61.1181

211.4920,
-19.4696, 38.1565

115.3420,
-21.8606, 58.4591

231.1200,
-15.3422, 20.9428

89.3740, -20.3974,
55.8000

251.3350,
-11.5042, 3.2142

63.6340, -18.0606,
52.9410

36.5630, -17.0396,
52.1262

20.3320, -10.0237,
41.8048

13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 169.3920,
-24.3503, 63.6772

■ 169.3920,
-24.3503, 63.6772

■ 154.9160,
-29.0456, 76.3727

■ 183.8680,
-19.6549, 50.9818

■ 140.4400,
-33.7409, 89.0681

■ 198.3440,
-14.9596, 38.2863

■ 125.8500,
-38.8731, 101.8635

■ 212.9340, -9.8275,
25.4909

■ 111.9610,
-43.8578, 114.0442

■ 226.8230, -4.8427,
13.3102

■ 98.1860, -48.4057,
126.1249

■ 241.2990, -0.1474,
0.6148

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.



171.2240, -6.0264, 66.4556



169.3920, -24.3503, 63.6772



167.6550, -36.8049, 45.0296

Triad

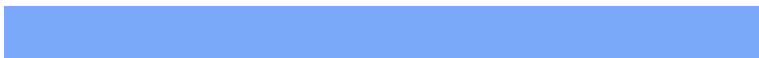
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



169.3920, -24.3503, 63.6772



151.0900, -6.9464, -58.8379



164.4800, 42.1614, -36.3780

Complementary

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



169.3920, -24.3503, 63.6772



192.6080, 24.3503, -63.6772

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.



134.0630, 54.1989, -117.5733



169.3920, -24.3503, 63.6772



131.9360, 23.2026, -115.7079

Square

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



169.3920, -24.3503, 63.6772



159.4360, -28.3159, -17.9224



135.3220, 41.2533, -118.6774



173.2860, 29.9320, 12.9042

Rectangle

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



169.3920, -24.3503, 63.6772



165.7360, -39.8028, 26.5415



135.3220, 41.2533, -118.6774



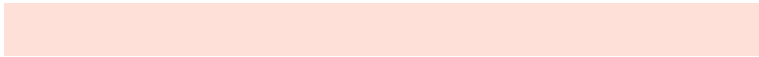
159.1570, 45.2786, -56.2657

Sweetspot

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



169.3920, -24.3503, 63.6772



232.4710, -7.6272, 19.7579



168.1060, 26.5697, 64.8050



114.2250, -4.5479, 12.0807



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.



169.3920, -24.3503, 63.6772



164.1830, -30.6562, 79.6465



204.0250, -41.4243, 33.3041



112.7620, -2.3477, 6.3477



74.3870, -36.6728, 96.1306



22.6140, -11.1487, 29.2795

Inverse Universe

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



192.6080, 24.3503, -63.6772



192.8170, 30.6562, -79.6465



157.9750, 41.4243, -33.3041



115.2380, 2.3477, -6.3477



109.0260, 36.9622, -95.6158



33.3860, 11.1487, -29.2795

Previews

White Background



This preview shows how the YUV color 169.3920, -24.3503, 63.6772 looks on a white background.

Color Contrast Check

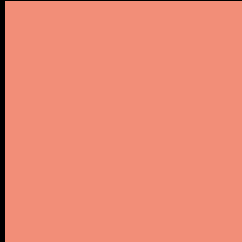
Large Text (above 18pt) WCAG AA × Fail

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 169.3920, -24.3503, 63.6772 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 169.3920, -24.3503, 63.6772

Background



This preview shows how black text looks on a background with the YUV color 169.3920, -24.3503, 63.6772.



This preview shows how white text looks on a background with the YUV color 169.3920, -24.3503,

63.6772.

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

169.3920, -24.3503, 63.6772

Protanopia

168.0710, -17.7830, 10.4617

Deuteranopia

168.7160, -25.9890, 29.1901



Tritanopia

170.8340, -11.2572, 64.1666

Trichromacy



Original Color

169.3920, -24.3503, 63.6772

Protanomaly

168.6220, -20.0266, 30.1495

Deuteranomaly

169.2060, -25.7376, 41.9153

Tritanomaly

169.9820, -15.7671, 64.0368

Monochromacy



Original Color

169.3920, -24.3503, 63.6772

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.1510, -8.9484, 23.5466

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.3920, -24.3503, 63.6772 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(242, 142, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 142, 120) }
```

Border

The CSS property to change the border of an element to YUV 169.3920, -24.3503, 63.6772 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, 120) }
```


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

```
.border{ border-color:rgb(242, 142, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 142, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 142, 120);  
box-shadow:4px 4px 4px 4px rgb(242, 142,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 169.3920, -24.3503, 63.6772 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, 120) }
```

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

```
.background{ background-color: rgb(242,  
142, 120) }
```

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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