

Converting Colors

YUV(169.6620, -4.2704,
-30.3986)

Have a look what the booklet for
YUV(169.6620, -4.2704, -30.3986)
contains.

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Color

**YUV(169.6620, -4.2704,
-30.3986)**

Conversions

Conversions Part 1

Format	Color
Hex	87BDA1
RGB	135, 189, 161
RGB Percent	53%, 74%, 63%
CMY	0.4706, 0.2588, 0.3686
CMYK	0.29, 0.00, 0.15, 0.26
HSL	149°, 29%, 64%
HSV	149°, 29%, 74%
XYZ	34.6223, 44.1193, 40.4093
YIQ	169.6620, -23.1960, -20.1560

Conversions

Conversions Part 2

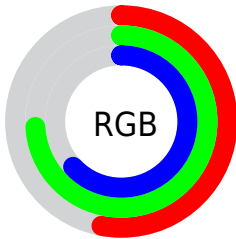
Format	Color
RYB	135, 171, 189
Decimal	8895905
CIELab	72.31, -23.55, 8.53
CIElCh	72, 25.047, 160.092
Yxy	44.1193, 0.2906, 0.3703
Android (android.graphics.Color)	4287085985 (0xFF87BDA1)
YUV	169.6620, -4.2704, -30.3986
Hunter-Lab	66.4224, -23.1970, 10.4255

Details

The YUV color **169.6620, -4.2704, -30.3986** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **154.3380, 4.2704, 30.3986**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9500, -4.4123, -31.5281**, and **116.4880, -3.6916, -29.3690** is the 20% darker color. If you saturate the color by 10%, you get **162.8410, -5.8376, -41.0796**, and if you desaturate by 10%, it is **176.4830, -2.7031, -19.7176**.

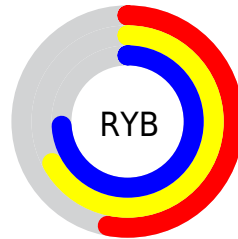
Distribution



Red (53%)

Green (74%)

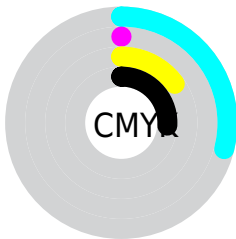
Blue (63%)



Red (53%)

Yellow (67%)

Blue (74%)

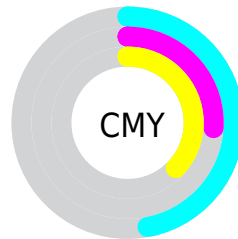


Cyan (29%)

Magenta (0%)

Yellow (15%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.6620, -4.2704, -30.3986 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 169.6620, -4.2704, -30.3986 by changing the saturation by 10% instead.

■ 169.6620, -4.2704,
-30.3986

■ 169.6620, -4.2704,
-30.3986

255.0000, 0.0000,
0.0000

■ 143.0750, -3.9810,
-29.8838

■ 224.9500, -4.4123,
-31.5281

■ 116.4880, -3.6916,
-29.3690

■ 242.6830, 0.6493,
-21.6470

■ 91.9010, -3.4022,
-28.8542

■ 252.3090, 1.3267,
-5.5330

■ 67.1290, -2.5286,
-29.0541

■ 42.4490, -1.2074,
-32.8428

■ 25.1730, -2.5503,
-22.0767

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 169.6620, -4.2704,
-30.3986

■ 169.6620, -4.2704,
-30.3986

■ 162.8410, -5.8376,
-41.0796

■ 176.4830, -2.7031,
-19.7176

■ 156.0200, -7.4049,
-51.7605

■ 183.3040, -1.1359,
-9.0366

■ 149.3130, -8.5353,
-62.5415

■ 190.0110, -0.0054,
1.7444

■ 142.4920,
-10.1026, -73.2225

■ 196.8320, 1.5618,
12.4253

■ 135.6710,
-11.6698, -83.9035

■ 203.6530, 3.1291,
23.1063

■ 129.1490,
-13.3845, -93.9697

■ 210.1750, 4.8437,
33.1725

■ 122.3280,
-14.9517, -104.6507

■ 213.4080, 8.1799,
36.4762

■ 121.3170,
-14.9463, -106.3950

■ 214.4340, 12.1110,
35.5764

■ 215.5740, 16.4790,
34.5766

Harmonies

Analogous

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



172.9220, -15.2445, -10.4556



169.6620, -4.2704, -30.3986



166.8910, 8.4347, -45.5084

Triad

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



169.6620, -4.2704, -30.3986



177.0470, 22.1618, -14.9502



179.3330, -14.9542, 36.5420

Complementary

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



169.6620, -4.2704, -30.3986



154.3380, 4.2704, 30.3986

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.



180.8630, -5.3555, 37.8311



169.6620, -4.2704, -30.3986



180.4800, 15.5394, 9.2260

Square

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



169.6620, -4.2704, -30.3986



171.9580, 23.6847, -36.7972



181.3700, 5.7336, 27.7395



177.9590, -21.1788, 26.3460

Rectangle

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



169.6620, -4.2704, -30.3986



167.4050, 15.5763, -49.4672



181.3700, 5.7336, 27.7395



179.4410, -12.0494, 38.2012

Sweetspot

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



169.6620, -4.2704, -30.3986



237.0540, -1.9986, -12.3254



175.3690, -19.9019, -9.9706



117.3150, -1.1413, -7.2923



250.0000, 0.0000, 0.0000



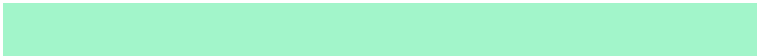
122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



169.6620, -4.2704, -30.3986



215.2810, -6.5475, -46.7274



172.6260, 7.0864, -32.9980



90.7390, -0.8573, -5.0331



101.4100, -12.5271, -88.9366



19.9070, -2.4192, -17.4584

Inverse Universe

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



154.3380, 4.2704, 30.3986



191.7190, 6.5475, 46.7274



151.3740, -7.0864, 32.9980



88.2610, 0.8573, 5.0331



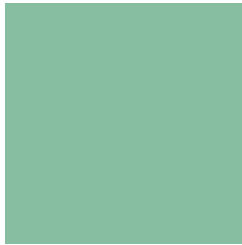
56.5900, 12.5271, 88.9366



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 169.6620, -4.2704, -30.3986 looks on a white background.

Color Contrast Check

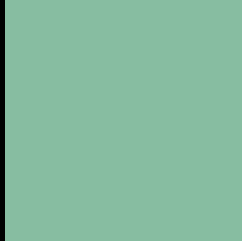
Large Text (above 18pt) WCAG AA × Fail

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 169.6620, -4.2704, -30.3986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

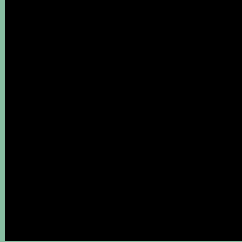
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.6620, -4.2704, -30.3986

Background



This preview shows how black text looks on a background with the YUV color 169.6620, -4.2704, -30.3986.



This preview shows how white text looks on a background with the YUV color 169.6620, -4.2704,

-30.3986.

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

169.6620, -4.2704, -30.3986

Protanopia

176.1830, -10.9362, 7.7325

Deuteranopia

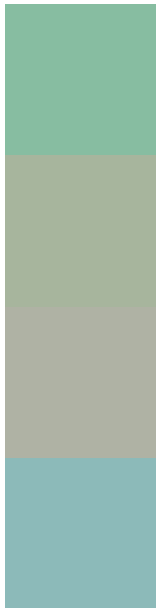
178.3890, -6.6008, 17.1988



Tritanopia

173.3370, 12.1589, -26.6055

Trichromacy



Original Color

169.6620, -4.2704, -30.3986

Protanomaly

174.0780, -8.4195, -6.2074

Deuteranomaly

175.5070, -5.6730, -0.4446

Tritanomaly

172.1320, 6.3439, -28.1798

Monochromacy



Original Color

169.6620, -4.2704, -30.3986

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8800, -1.4198, -11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.6620, -4.2704, -30.3986 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(135, 189, 161)` looks like.

```
.text, #text, p{  
    color:rgb(135, 189, 161)  
}
```

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(135, 189, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 189, 161) }
```

Border

The CSS property to change the border of an element to YUV 169.6620, -4.2704, -30.3986 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(135, 189, 161) }
```


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

```
.border{ border-color:rgb(135, 189, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 189, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 189, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 189, 161);  
box-shadow:4px 4px 4px 4px rgb(135, 189,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 169.6620, -4.2704, -30.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 189, 161) }
```

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

```
.background{ background-color: rgb(135,  
189, 161) }
```

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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