

Converting Colors

YUV(169.7990, 5.0291, 20.3473)

Have a look what the booklet for
YUV(169.7990, 5.0291, 20.3473)
contains.

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Color

**YUV(169.7990, 5.0291,
20.3473)**

Conversions

Conversions Part 1

Format	Color
Hex	C19CB4
RGB	193, 156, 180
RGB Percent	76%, 61%, 71%
CMY	0.2431, 0.3882, 0.2941
CMYK	0.00, 0.19, 0.07, 0.24
HSL	321°, 23%, 68%
HSV	321°, 19%, 76%
XYZ	42.1190, 38.4097, 48.3739
YIQ	169.7990, 14.3480, 15.3080

Conversions

Conversions Part 2

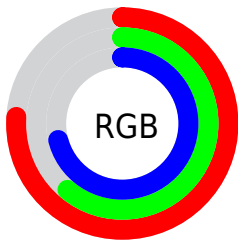
Format	Color
R _Y B	193, 156, 180
Decimal	12688564
CIE Lab	68.32, 17.74, -7.23
CIE LCh	68, 19.158, 337.837
Yxy	38.4097, 0.3268, 0.2980
Android (android.graphics.Color)	4290878644 (0xFFC19CB4)
YUV	169.7990, 5.0291, 20.3473
Hunter-Lab	61.9755, 12.8526, -2.8949

Details

The YUV color **169.7990, 5.0291, 20.3473** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.2010, -5.0291, -20.3473**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5110, 5.1711, 21.4769**, and **117.6740, 4.5977, 18.7029** is the 20% darker color. If you saturate the color by 10%, you get **157.8480, 7.4699, 30.8283**, and if you desaturate by 10%, it is **181.7500, 2.5882, 9.8663**.

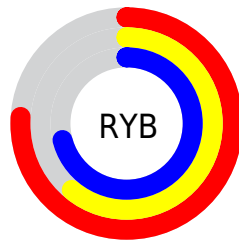
Distribution



Red (76%)

Green (61%)

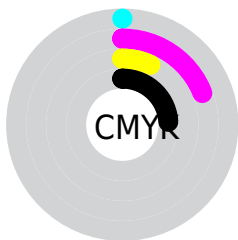
Blue (71%)



Red (76%)

Yellow (61%)

Blue (71%)

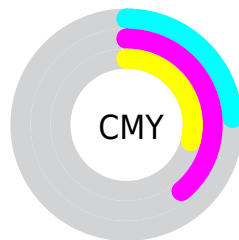


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (24%)



Cyan (24%)

Magenta (39%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7990, 5.0291, 20.3473 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 169.7990, 5.0291, 20.3473 by changing the saturation by 10% instead.


 169.7990, 5.0291,
20.3473


 169.7990, 5.0291,
20.3473


255.0000, 0.0000,
0.0000


 143.3860, 4.7397,
19.8325

 225.5110, 5.1711,
21.4769


 117.6740, 4.5977,
18.7029

 245.6080, 4.6303,
8.2368

 92.3750, 4.7451,
18.0881

 68.9620, 4.4557,
17.5733

 46.2500, 4.3137,
16.4438

 24.6520, 4.6086,
15.2142

 7.2340, 1.8566,

11.1958

■ 0.0000, 0.0000,
0.0000

■ 169.7990, 5.0291,
20.3473

■ 169.7990, 5.0291,
20.3473

■ 157.8480, 7.4699,
30.8283

■ 181.7500, 2.5882,
9.8663

■ 145.3100, 10.2002,
41.8241

■ 194.2880, -0.1420,
-1.1296

■ 133.4730, 13.0778,
52.2052

■ 206.1250, -3.0196,
-11.5106

■ 121.5220, 15.5187,
62.6862

■ 218.0760, -5.4605,
-21.9917

■ 108.9840, 18.2489,
73.6820

■ 230.6140, -8.1907,
-32.9875

■ 97.0330, 20.6897,
84.1631

■ 232.5860, -5.7119,
-34.7169

■ 85.1960, 23.5674,
94.5441

■ 233.2700, -3.0911,
-35.3168

■ 73.2450, 26.0082,
105.0251

■ 234.0680, -0.0335,
-36.0166

■ 71.9570, 26.1502,
106.1547

■ 234.8660, 3.0241,
-36.7165

Harmonies

Analogous

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



168.9480, 12.3506, 5.3076



169.7990, 5.0291, 20.3473



169.3780, -3.1444, 28.6095

Triad

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



169.7990, 5.0291, 20.3473



165.4020, -16.4672, 8.4174



159.9230, 13.3490, -35.0125

Complementary

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



169.7990, 5.0291, 20.3473



179.2010, -5.0291, -20.3473

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.



160.1700, 5.3392, -32.5981



169.7990, 5.0291, 20.3473



163.4540, -12.0558, -6.5372

Square

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



169.7990, 5.0291, 20.3473



167.0060, -15.7790, 21.0427



161.1300, -4.0081, -21.1620



163.0040, 17.2530, -27.1905

Rectangle

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



169.7990, 5.0291, 20.3473



168.5970, -8.6753, 29.2944



161.1300, -4.0081, -21.1620



159.6410, 11.0230, -35.6422

Sweetspot

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



169.7990, 5.0291, 20.3473



240.6250, 2.1569, 8.2219



164.1050, 14.2452, 4.2929



119.3750, 1.2941, 4.9331



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



169.7990, 5.0291, 20.3473



213.6740, 8.0487, 31.8579



167.7470, -2.8333, 22.1469



90.6740, 1.1467, 5.5479



59.9950, 21.6945, 88.5814



12.3750, 4.7451, 18.0881

Inverse Universe

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



169.7990, 5.0291, 20.3473



213.6740, 8.0487, 31.8579



181.2530, 2.8333, -22.1469



90.6740, 1.1467, 5.5479



59.9950, 21.6945, 88.5814



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 169.7990, 5.0291, 20.3473 looks on a white background.

Color Contrast Check

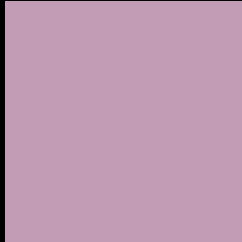
Large Text (above 18pt) WCAG AA × Fail

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 169.7990, 5.0291, 20.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

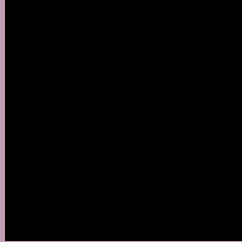
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.7990, 5.0291, 20.3473

Background



This preview shows how black text looks on a background with the YUV color 169.7990, 5.0291, 20.3473.



This preview shows how white text looks on a background with the YUV color 169.7990, 5.0291,

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

169.7990, 5.0291, 20.3473

Protanopia

167.6820, 9.0308, -3.2291

Deuteranopia

168.4230, 5.2145, 7.5220



Tritanopia

169.5340, 0.2297, 19.7027

Trichromacy



Original Color

169.7990, 5.0291, 20.3473

Protanomaly

168.3950, 7.6933, 5.7926

Deuteranomaly

169.0430, 4.9088, 12.2403

Tritanomaly

169.4030, 2.2663, 19.8176

Monochromacy



Original Color

169.7990, 5.0291, 20.3473

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7990, 5.0291, 20.3473 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(193, 156, 180)` looks like.

```
.text, #text, p{  
    color:rgb(193, 156, 180)  
}
```

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(193, 156, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 156, 180) }
```

Border

The CSS property to change the border of an element to YUV 169.7990, 5.0291, 20.3473 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(193, 156, 180) }
```


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

```
.border{ border-color:rgb(193, 156, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 156, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 156, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 156, 180);  
box-shadow:4px 4px 4px 4px rgb(193, 156,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 169.7990, 5.0291, 20.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 156, 180) }
```

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

```
.background{ background-color: rgb(193,  
156, 180) }
```

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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