

Converting Colors

YUV(162.3580, 20.5295,
-4.6990)

Have a look what the booklet for
YUV(162.3580, 20.5295, -4.6990)
contains.

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Color

**YUV(162.3580, 20.5295,
-4.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9DCC
RGB	157, 157, 204
RGB Percent	62%, 62%, 80%
CMY	0.3843, 0.3843, 0.2000
CMYK	0.23, 0.23, 0.00, 0.20
HSL	240°, 32%, 71%
HSV	240°, 23%, 80%
XYZ	36.8607, 35.6417, 62.0635
YIQ	162.3580, -15.0870, 14.6170

Conversions

Conversions Part 2

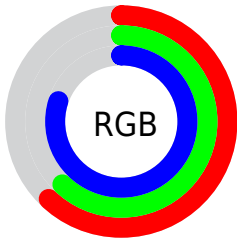
Format	Color
R _{YB}	157, 157, 204
Decimal	10329548
CIE Lab	66.25, 10.12, -24.02
CIE LCh	66, 26.069, 292.839
Yxy	35.6417, 0.2739, 0.2649
Android (android.graphics.Color)	4288519628 (0xFF9D9DCC)
YUV	162.3580, 20.5295, -4.6990
Hunter-Lab	59.7006, 5.7343, -19.8462

Details

The YUV color **162.3580, 20.5295, -4.6990** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **198.6420, -20.5295, 4.6990**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.3150, 19.0717, -3.7843**, and **110.7170, 19.3665, -5.0138** is the 20% darker color. If you saturate the color by 10%, you get **144.6380, 29.2655, -6.6985**, and if you desaturate by 10%, it is **180.0780, 11.7935, -2.6994**.

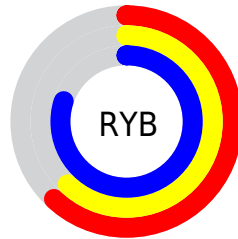
Distribution



Red (62%)

Green (62%)

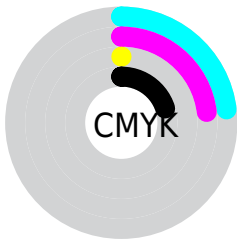
Blue (80%)



Red (62%)

Yellow (62%)

Blue (80%)

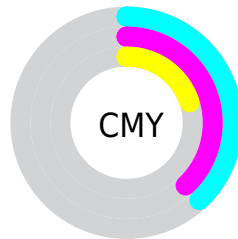


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.3580, 20.5295, -4.6990 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 162.3580, 20.5295, -4.6990 by changing the saturation by 10% instead.

■ 162.3580, 20.5295,
-4.6990

■ 162.3580, 20.5295,
-4.6990

■ 255.0000, 0.0000,
0.0000

■ 135.8310, 19.8033,
-5.1138

■ 216.3150, 19.0717,
-3.7843

■ 110.7170, 19.3665,
-5.0138

■ 242.0090, 6.4046,
-0.8849

■ 86.1900, 18.6403,
-5.4286

■ 62.6630, 17.9141,
-5.8435

■ 39.8370, 17.3354,
-6.8730

■ 18.0000, 16.7620,
-9.6470

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 162.3580, 20.5295,
-4.6990

■ 162.3580, 20.5295,
-4.6990

■ 144.6380, 29.2655,
-6.6985

■ 180.0780, 11.7935,
-2.6994

■ 126.0320, 38.4382,
-8.7981

■ 198.6840, 2.6208,
-0.5999

■ 108.3120, 47.1742,
-10.7976

■ 216.4040, -6.1152,
1.3997

■ 89.7060, 56.3469,
-12.8972

■ 235.0100,
-15.2879, 3.4992

■ 71.9860, 65.0829,
-14.8967

■ 249.1860,
-22.2767, 5.0989

■ 54.2660, 73.8189,
-16.8963

■ 35.6600, 82.9916,
-18.9958

■ 23.2560, 89.1068,
-20.3955

Harmonies

Analogous

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



157.5290, 24.3892, -29.4049



162.3580, 20.5295, -4.6990



164.7370, 12.4547, 18.6477

Triad

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



162.3580, 20.5295, -4.6990



162.3990, -18.4377, 33.8531



151.6870, 1.1403, -39.1905

Complementary

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



162.3580, 20.5295, -4.6990



198.6420, -20.5295, 4.6990

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.



154.8930, -11.2862, -20.0772



162.3580, 20.5295, -4.6990



160.5730, -22.4675, 19.6685

Square

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



162.3580, 20.5295, -4.6990



163.7230, -9.7234, 38.8309



157.8480, -19.6451, 1.0103



149.6390, 13.9820, -51.4264

Rectangle

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



162.3580, 20.5295, -4.6990



164.5660, 5.1440, 30.1986



157.8480, -19.6451, 1.0103



152.5800, -3.2439, -32.9577

Sweetspot

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



162.3580, 20.5295, -4.6990



239.0520, 7.8624, -1.7996



189.9470, 6.9281, -28.8945



118.2540, 4.8048, -1.0998



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.



162.3580, 20.5295, -4.6990



192.0940, 31.0127, -7.0984



169.5340, 16.9917, 10.0557



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Inverse Universe

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



176.4110, 13.6014, 24.1956



213.3230, 20.5468, 36.5507



191.7650, -17.1391, -9.4409



96.1300, 2.8939, 5.1480



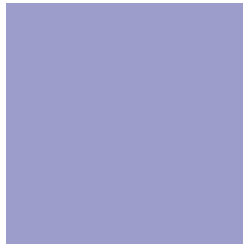
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 162.3580, 20.5295, -4.6990 looks on a white background.

Color Contrast Check

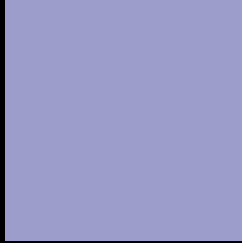
Large Text (above 18pt) WCAG AA × Fail

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 162.3580, 20.5295, -4.6990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

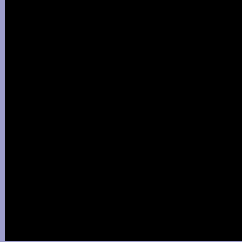
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.3580, 20.5295, -4.6990

Background



This preview shows how black text looks on a background with the YUV color 162.3580, 20.5295, -4.6990.



This preview shows how white text looks on a background with the YUV color 162.3580, 20.5295, -4.6990.

-4.6990.

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

162.3580, 20.5295, -4.6990

Protanopia

161.3680, 22.0036, -10.8467

Deuteranopia

162.0480, 20.6823, -7.0581



Tritanopia

160.1930, 7.2999, -8.0623

Trichromacy



Original Color

162.3580, 20.5295, -4.6990

Protanomaly

161.5640, 21.4139, -8.3876

Deuteranomaly

162.3470, 20.5349, -6.4433

Tritanomaly

160.8710, 12.3886, -6.9029

Monochromacy



Original Color

162.3580, 20.5295, -4.6990

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.9380, 7.4256, -1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.3580, 20.5295, -4.6990 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(157, 157, 204)` looks like.

```
.text, #text, p{  
    color:rgb(157, 157, 204)  
}
```

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(157, 157, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 157, 204) }
```

Border

The CSS property to change the border of an element to YUV 162.3580, 20.5295, -4.6990 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(157, 157, 204) }
```


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

```
.border{ border-color:rgb(157, 157, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 157, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 157, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 157, 204);  
box-shadow:4px 4px 4px 4px rgb(157, 157,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 162.3580, 20.5295, -4.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 157, 204) }
```

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

```
.background{ background-color: rgb(157,  
157, 204) }
```

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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