

Converting Colors

YUV(162.8950, 26.1808, 2.7231)

Have a look what the booklet for
YUV(162.8950, 26.1808, 2.7231)
contains.

YUV(162.8950, 26.1808, 2.7231)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(162.8950, 26.1808,
2.7231)**

Conversions

Conversions Part 1

Format	Color
Hex	A697D8
RGB	166, 151, 216
RGB Percent	65%, 59%, 85%
CMY	0.3490, 0.4078, 0.1529
CMYK	0.23, 0.30, 0.00, 0.15
HSL	254°, 45%, 72%
HSV	254°, 30%, 85%
XYZ	39.1872, 35.1981, 69.6943
YIQ	162.8950, -11.9250, 23.3950

Conversions

Conversions Part 2

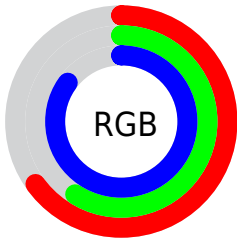
Format	Color
R_{YB}	166, 151, 216
Decimal	10917848
CIE _{Lab}	65.90, 19.11, -31.15
CIE _{LCh}	66, 36.546, 301.528
Yxy	35.1981, 0.2720, 0.2443
Android (android.graphics.Color)	4289107928 (0xFFA697D8)
YUV	162.8950, 26.1808, 2.7231
Hunter-Lab	59.3280, 14.0784, -28.1201

Details

The YUV color **162.8950, 26.1808, 2.7231** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **204.1050, -26.1808, -2.7231**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7830, 19.3340, 5.4523**, and **110.8410, 24.7284, 1.8934** is the 20% darker color. If you saturate the color by 10%, you get **144.8980, 35.0533, 3.5975**, and if you desaturate by 10%, it is **180.8920, 17.3082, 1.8487**.

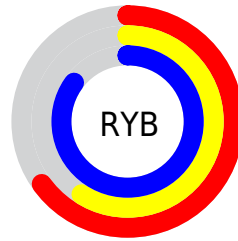
Distribution



Red (65%)

Green (59%)

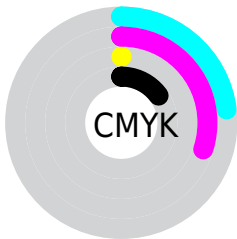
Blue (85%)



Red (65%)

Yellow (59%)

Blue (85%)

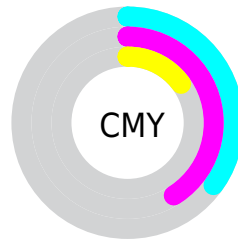


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (15%)



Cyan (35%)

Magenta (41%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.8950, 26.1808, 2.7231 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 162.8950, 26.1808, 2.7231 by changing the saturation by 10% instead.

■ 162.8950, 26.1808,
2.7231

■ 162.8950, 26.1808,
2.7231

■ 255.0000, 0.0000,
0.0000

■ 136.3680, 25.4546,
2.3083

■ 215.7830, 19.3340,
5.4523

■ 110.8410, 24.7284,
1.8934

■ 240.8900, 6.9562,
8.8665

■ 86.0150, 24.1496,
0.8638

■ 62.0750, 23.1340,
-0.0658

■ 39.7220, 21.8291,
-1.5102

■ 16.9990, 21.6925,
-4.3841

■ 5.0330, 16.7457,

-4.4139

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 162.8950, 26.1808,
2.7231

■ 162.8950, 26.1808,
2.7231

■ 144.8980, 35.0533,
3.5975

■ 180.8920, 17.3082,
1.8487

■ 127.7870, 43.4890,
4.5718

■ 198.0030, 8.8725,
0.8744

■ 109.7900, 52.3615,
5.4462

■ 216.0000, 0.0000,
0.0000

■ 92.6790, 60.7973,
6.4205

■ 233.1110, -8.4357,
-0.9743

■ 74.6820, 69.6698,
7.2949

■ 248.7600,
-16.1507, 0.2105

■ 56.6850, 78.5423,
8.1693

■ 250.5540,
-17.0351, 3.8991

■ 39.5740, 86.9780,
9.1436

Harmonies

Analogous

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



155.7160, 34.1570, -35.7079



162.8950, 26.1808, 2.7231



164.7650, 13.4269, 33.5321

Triad

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



162.8950, 26.1808, 2.7231



159.9240, -28.0635, 41.2857



140.7800, 9.9685, -70.8441

Complementary

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



162.8950, 26.1808, 2.7231



204.1050, -26.1808, -2.7231

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.



149.0110, -10.3584, -37.7206



162.8950, 26.1808, 2.7231



157.8690, -31.4874, 19.4089

Square

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



162.8950, 26.1808, 2.7231



161.9760, -16.7502, 52.6410



154.0120, -25.1489, -7.0265



126.7980, 32.6376, -108.5708

Rectangle

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



162.8950, 26.1808, 2.7231



163.9210, 3.4899, 47.4273



154.0120, -25.1489, -7.0265



143.6090, 2.6578, -59.2931

Sweetspot

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



162.8950, 26.1808, 2.7231



236.1170, 9.3093, 0.7744



188.3470, 13.6329, -32.7533



115.9060, 5.9623, 0.9594



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.



162.8950, 26.1808, 2.7231



179.7670, 37.0899, 3.7123



172.4630, 21.4637, 22.3959



98.1510, 4.3626, 0.7446



31.1550, 68.9436, 6.8801



7.8920, 17.3082, 1.8487

Inverse Universe

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



176.1350, 12.2584, 34.9616



198.6020, 17.4512, 49.4610



194.5370, -21.4637, -22.3959



100.3150, 2.3097, 5.8627



66.0630, 32.0139, 92.0297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 162.8950, 26.1808, 2.7231 looks on a white background.

Color Contrast Check

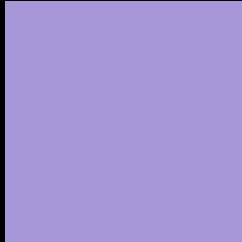
Large Text (above 18pt) WCAG AA × Fail

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 162.8950, 26.1808, 2.7231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

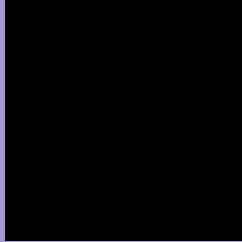
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.8950, 26.1808, 2.7231

Background



This preview shows how black text looks on a background with the YUV color 162.8950, 26.1808, 2.7231.



This preview shows how white text looks on a background with the YUV color 162.8950, 26.1808,

2.7231.

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

162.8950, 26.1808, 2.7231

Protanopia

160.0990, 30.0242, -16.7498

Deuteranopia

160.6110, 26.8138, -13.6908



Tritanopia

160.1830, 5.8258, -1.9145

Trichromacy



Original Color

162.8950, 26.1808, 2.7231

Protanomaly

160.8010, 28.6921, -9.4725

Deuteranomaly

161.2420, 26.5027, -7.2282

Tritanomaly

161.1430, 13.2405, -0.1254

Monochromacy



Original Color

162.8950, 26.1808, 2.7231

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.1170, 9.3093, 0.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.8950, 26.1808, 2.7231 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(166, 151, 216)` looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 216)  
}
```

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(166, 151, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 216) }
```

Border

The CSS property to change the border of an element to YUV 162.8950, 26.1808, 2.7231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

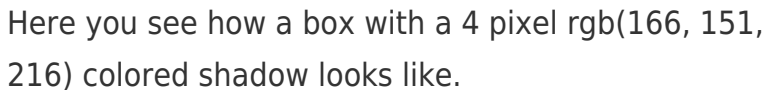
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 151, 216) }
```


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

```
.border{ border-color:rgb(166, 151, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 151, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 151, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 151, 216); box-shadow:4px 4px 4px 4px rgb(166, 151, 216) }
```

Background

The CSS property to change the background color of an element to YUV 162.8950, 26.1808, 2.7231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 151, 216) }
```

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

```
.background{ background-color: rgb(166,  
151, 216) }
```

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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