

Converting Colors

YUV(152.1910, 17.1608, 2.4635)

Have a look what the booklet for
YUV(152.1910, 17.1608, 2.4635)
contains.

YUV(152.1910, 17.1608, 2.4635)	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(152.1910, 17.1608,
2.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	9B90BB
RGB	155, 144, 187
RGB Percent	61%, 56%, 73%
CMY	0.3922, 0.4353, 0.2667
CMYK	0.17, 0.23, 0.00, 0.27
HSL	255°, 24%, 65%
HSV	255°, 23%, 73%
XYZ	32.4605, 30.5029, 51.1905
YIQ	152.1910, -7.2470, 15.7050

Conversions

Conversions Part 2

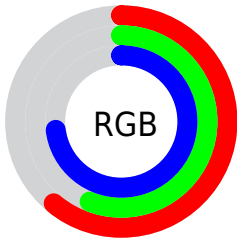
Format	Color
R_{YB}	155, 144, 187
Decimal	10195131
CIE _{Lab}	62.09, 12.92, -20.88
CIE _{LCh}	62, 24.558, 301.741
Yxy	30.5029, 0.2844, 0.2672
Android (android.graphics.Color)	4288385211 (0xFF9B90BB)
YUV	152.1910, 17.1608, 2.4635
Hunter-Lab	55.2295, 8.2597, -16.2935

Details

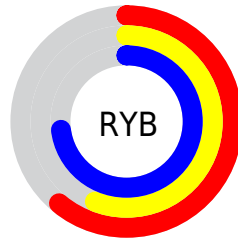
The YUV color **152.1910, 17.1608, 2.4635** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **178.8090, -17.1608, -2.4635**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7180, 17.8870, 2.8783**, and **101.2510, 16.1453, 1.5339** is the 20% darker color. If you saturate the color by 10%, you get **136.8520, 24.7230, 3.6378**, and if you desaturate by 10%, it is **167.5300, 9.5987, 1.2892**.

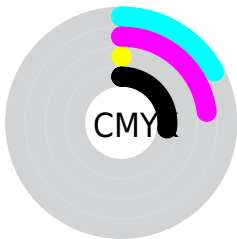
Distribution



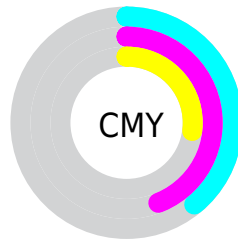
- Red (61%)
- Green (56%)
- Blue (73%)



- Red (61%)
- Yellow (56%)
- Blue (73%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.1910, 17.1608, 2.4635 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 152.1910, 17.1608, 2.4635 by changing the saturation by 10% instead.

■ 152.1910, 17.1608,
2.4635

■ 152.1910, 17.1608,
2.4635

255.0000, 0.0000,
0.0000

■ 126.0770, 16.7240,
2.5635

■ 206.7180, 17.8870,
2.8783

■ 101.2510, 16.1453,
1.5339

■ 232.8940, 10.8983,
4.4780

■ 77.0230, 15.2717,
1.7338

254.4130, 0.2894,
0.5148

■ 54.1970, 14.6929,
0.7042

■ 32.6700, 13.9667,
0.2894

■ 8.3330, 15.1188,
4.0930

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 152.1910, 17.1608,
2.4635

■ 152.1910, 17.1608,
2.4635

■ 136.8520, 24.7230,
3.6378

■ 167.5300, 9.5987,
1.2892

■ 122.1000, 31.9957,
4.2973

■ 182.2820, 2.3260,
0.6297

■ 106.7610, 39.5578,
5.4716

■ 197.6210, -5.2362,
-0.5446

■ 91.4220, 47.1200,
6.6459

■ 212.9600,
-12.7983, -1.7189

■ 76.6700, 54.3927,
7.3054

■ 227.7120,
-20.0710, -2.3784

■ 61.6300, 61.8074,
9.0945

■ 242.1650,
-27.1963, -3.6527

■ 46.2910, 69.3695,
10.2688

■ 246.3510,
-29.2600, 4.9542

■ 35.6700, 74.6057,
10.8134

■ 247.2480,
-29.7023, 6.7985

Harmonies

Analogous

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



148.3020, 22.0361, -21.3129



152.1910, 17.1608, 2.4635



153.4340, 8.6600, 22.4214

Triad

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



152.1910, 17.1608, 2.4635



150.8390, -19.1476, 28.2052



140.4140, 5.2189, -40.7051

Complementary

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



152.1910, 17.1608, 2.4635



178.8090, -17.1608, -2.4635

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.



143.3100, -7.0548, -23.9509



152.1910, 17.1608, 2.4635



148.9960, -20.7040, 14.0355

Square

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



152.1910, 17.1608, 2.4635



152.1310, -11.8966, 35.8421



146.6130, -16.5712, -4.9226



139.2310, 16.1551, -48.4376

Rectangle

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



152.1910, 17.1608, 2.4635



153.6540, 1.6496, 30.9984



146.6130, -16.5712, -4.9226



141.2960, 0.8401, -36.2166

Sweetspot

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



152.1910, 17.1608, 2.4635



228.4330, 6.6885, 1.3743



167.6860, 9.5218, -20.7726



114.6240, 3.6364, 0.3298



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.



152.1910, 17.1608, 2.4635



187.1340, 27.0489, 4.2675



158.4700, 14.0653, 15.3738



86.6240, 3.6364, 0.3298



29.9720, 63.1178, 8.7946



5.9260, 12.3615, 1.8189

Inverse Universe

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



160.5050, 7.6390, 23.2361



200.1460, 12.2530, 36.7060



172.5300, -14.0653, -15.3738



88.4890, 1.7309, 4.8331



60.6940, 28.2519, 85.3374



11.8910, 5.4767, 16.7586

Previews

White Background



This preview shows how the YUV color 152.1910, 17.1608, 2.4635 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 152.1910, 17.1608, 2.4635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

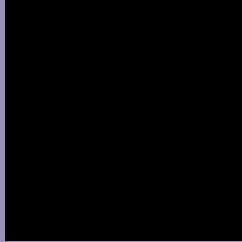
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.1910, 17.1608, 2.4635

Background



This preview shows how black text looks on a background with the YUV color 152.1910, 17.1608, 2.4635.



This preview shows how white text looks on a background with the YUV color 152.1910, 17.1608,

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

152.1910, 17.1608, 2.4635

Protanopia

150.3960, 19.5248, -9.1173

Deuteranopia

151.1470, 17.1825, -4.5139



Tritanopia

150.6670, 5.0942, -0.5850

Trichromacy



Original Color

152.1910, 17.1608, 2.4635

Protanomaly

151.1900, 18.6403, -5.4286

Deuteranomaly

151.4570, 17.0297, -2.1548

Tritanomaly

151.1170, 9.3093, 0.7744

Monochromacy



Original Color

152.1910, 17.1608, 2.4635

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0200, 6.3991, 0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.1910, 17.1608, 2.4635 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(155, 144, 187)` looks like.

```
.text, #text, p{  
    color:rgb(155, 144, 187)  
}
```

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(155, 144, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 144, 187) }
```

Border

The CSS property to change the border of an element to YUV 152.1910, 17.1608, 2.4635 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(155, 144, 187) }
```


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

```
.border{ border-color:rgb(155, 144, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 144, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 144, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 144, 187);  
box-shadow:4px 4px 4px 4px rgb(155, 144,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 152.1910, 17.1608, 2.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 144, 187) }
```

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

```
.background{ background-color: rgb(155,  
144, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor