

Converting Colors

YUV(152.0020, 13.8030, 6.1372)

Have a look what the booklet for
YUV(152.0020, 13.8030, 6.1372)
contains.

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Color

**YUV(152.0020, 13.8030,
6.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8FB4
RGB	159, 143, 180
RGB Percent	62%, 56%, 71%
CMY	0.3765, 0.4392, 0.2941
CMYK	0.12, 0.21, 0.00, 0.29
HSL	266°, 20%, 63%
HSV	266°, 21%, 71%
XYZ	32.3588, 30.3111, 47.3252
YIQ	152.0020, -2.3410, 14.8990

Conversions

Conversions Part 2

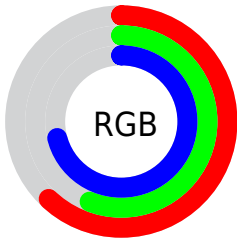
Format	Color
RYB	159, 143, 180
Decimal	10457012
CIELab	61.92, 13.26, -17.15
CIELCh	62, 21.679, 307.712
Yxy	30.3111, 0.2942, 0.2756
Android (android.graphics.Color)	4288647092 (0xFF9F8FB4)
YUV	152.0020, 13.8030, 6.1372
Hunter-Lab	55.0556, 8.5657, -12.4262

Details

The YUV color $152.0020, 13.8030, 6.1372$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $170.9980, -13.8030, -6.1372$, and the grayscale version is $152.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $206.5290, 14.5292, 6.5521$, and $101.0620, 12.7874, 5.2076$ is the 20% darker color. If you saturate the color by 10%, you get $138.4460, 20.4861, 9.2559$, and if you desaturate by 10%, it is $165.5580, 7.1199, 3.0186$.

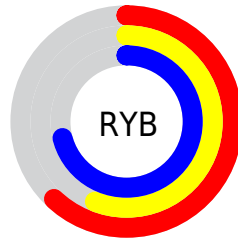
Distribution



Red (62%)

Green (56%)

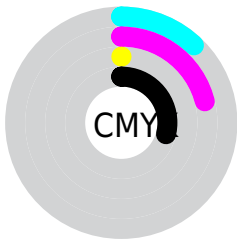
Blue (71%)



Red (62%)

Yellow (56%)

Blue (71%)

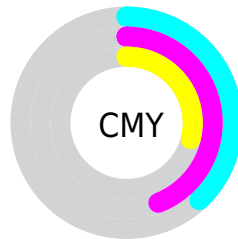


Cyan (12%)

Magenta (21%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.0020, 13.8030, 6.1372 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 152.0020, 13.8030, 6.1372 by changing the saturation by 10% instead.

■ 152.0020, 13.8030,
6.1372

■ 152.0020, 13.8030,
6.1372

255.0000, 0.0000,
0.0000

■ 125.8880, 13.3662,
6.2372

■ 206.5290, 14.5292,
6.5521

■ 101.0620, 12.7874,
5.2076

■ 233.5030, 10.5980,
7.4519

■ 76.9480, 12.3506,
5.3076

■ 253.8260, 0.5788,
1.0296

■ 54.1220, 11.7719,
4.2780

■ 32.5950, 11.0457,
3.8632

■ 9.2580, 12.1978,
7.6667

■ 0.9120, 3.4944,

-0.7998

0.0000, 0.0000,
0.0000

152.0020, 13.8030,
6.1372

152.0020, 13.8030,
6.1372

138.4460, 20.4861,
9.2559

165.5580, 7.1199,
3.0186

124.8900, 27.1692,
12.3745

179.1140, 0.4368,
-0.1000

111.0350, 33.9997,
14.8783

192.9690, -6.3937,
-2.6038

97.4790, 40.6829,
17.9969

206.5250,
-13.0768, -5.7224

83.9230, 47.3660,
21.1155

220.0810,
-19.7599, -8.8410

70.3670, 54.0491,
24.2341

233.6370,
-26.4430, -11.9596

56.5120, 60.8796,
26.7380

239.2740,
-29.2221, -7.2563

43.8420, 67.1259,
29.9566

242.2640,
-30.6962, -1.1085

245.2540,
-32.1702, 5.0392

Harmonies

Analogous

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



149.1350, 18.6674, -14.1504



152.0020, 13.8030, 6.1372



153.3370, 5.7499, 22.5065

Triad

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



152.0020, 13.8030, 6.1372



150.2620, -17.3842, 22.5722



141.6640, 6.0816, -37.4163

Complementary

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



152.0020, 13.8030, 6.1372



170.9980, -13.8030, -6.1372

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.



143.2930, -4.5814, -23.9360



152.0020, 13.8030, 6.1372



148.3590, -17.9250, 9.3322

Square

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



152.0020, 13.8030, 6.1372



151.3970, -12.0277, 31.2238



146.4000, -13.5082, -7.3668



141.3460, 15.1124, -40.6454

Rectangle

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



152.0020, 13.8030, 6.1372



152.7740, -0.3816, 29.1392



146.4000, -13.5082, -7.3668



141.7740, 2.5764, -33.1278

Sweetspot

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



152.0020, 13.8030, 6.1372



224.3900, 5.2307, 2.2890



160.1320, 9.7949, -15.0248



111.1080, 2.9048, 1.6593



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



152.0020, 13.8030, 6.1372



190.2010, 22.0859, 9.4707



157.3840, 11.1497, 17.2032



82.2220, 3.3416, 1.5593



37.1760, 57.1012, 25.2786



6.2530, 9.7353, 4.1631

Inverse Universe

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



156.4570, 3.7187, 20.6472



197.4030, 5.7173, 32.9726



165.6160, -11.1497, -17.2032



83.2610, 0.8573, 5.0331



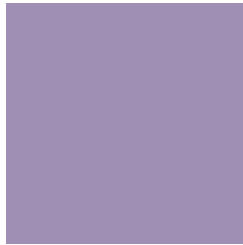
55.6650, 15.4482, 85.3628



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 152.0020, 13.8030, 6.1372 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 152.0020, 13.8030, 6.1372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

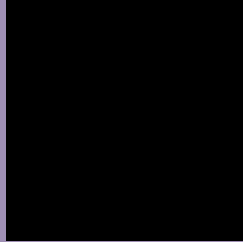
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.0020, 13.8030, 6.1372

Background



This preview shows how black text looks on a background with the YUV color 152.0020, 13.8030, 6.1372.



This preview shows how white text looks on a background with the YUV color 152.0020, 13.8030,

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

152.0020, 13.8030, 6.1372

Protanopia

150.3100, 16.6092, -7.2879

Deuteranopia

150.9580, 13.8247, -0.8402



Tritanopia

150.6460, 3.6255, 3.8185

Trichromacy



Original Color

152.0020, 13.8030, 6.1372

Protanomaly

150.8160, 15.8667, -2.4696

Deuteranomaly

151.2680, 13.6719, 1.5190

Tritanomaly

151.2700, 7.2619, 4.1482

Monochromacy



Original Color

152.0020, 13.8030, 6.1372

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.2760, 4.7939, 2.3889

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.0020, 13.8030, 6.1372 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(159, 143, 180)` looks like.

```
.text, #text, p{  
    color:rgb(159, 143, 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(159, 143, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 143, 180) }
```

Border

The CSS property to change the border of an element to YUV 152.0020, 13.8030, 6.1372 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(159, 143, 180) }
```


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

```
.border{ border-color:rgb(159, 143, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 143, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 143, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 143, 180); box-shadow:4px 4px 4px 4px rgb(159, 143, 180) }
```

Background

The CSS property to change the background color of an element to YUV 152.0020, 13.8030, 6.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 143, 180) }
```

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

```
.background{ background-color: rgb(159,  
143, 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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