

Converting Colors

YUV(150.4700, 10.6143, 2.2188)

Have a look what the booklet for
YUV(150.4700, 10.6143, 2.2188)
contains.

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Color

**YUV(150.4700, 10.6143,
2.2188)**

Conversions

Conversions Part 1

Format	Color
Hex	9991AC
RGB	153, 145, 172
RGB Percent	60%, 57%, 67%
CMY	0.4000, 0.4314, 0.3255
CMYK	0.11, 0.16, 0.00, 0.33
HSL	258°, 14%, 62%
HSV	258°, 16%, 67%
XYZ	30.7087, 30.0017, 43.2021
YIQ	150.4700, -3.8990, 10.0930

Conversions

Conversions Part 2

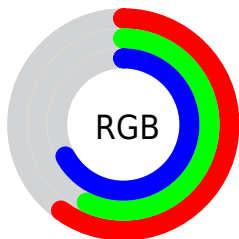
Format	Color
R_{YB}	153, 145, 172
Decimal	10064300
CIE Lab	61.66, 8.37, -13.08
CIE LCh	62, 15.524, 302.624
Yxy	30.0017, 0.2955, 0.2887
Android (android.graphics.Color)	4288254380 (0xFF9991AC)
YUV	150.4700, 10.6143, 2.2188
Hunter-Lab	54.7738, 4.2211, -8.4226

Details

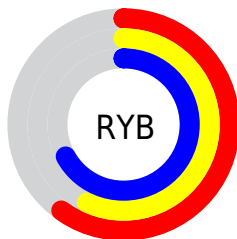
The YUV color $150.4700, 10.6143, 2.2188$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $166.5300, -10.6143, -2.2188$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.5840, 11.0511, 2.1188$, and $99.9430, 9.8881, 1.8040$ is the 20% darker color. If you saturate the color by 10%, you get $136.9030, 17.3028, 3.5931$, and if you desaturate by 10%, it is $164.0370, 3.9258, 0.8446$.

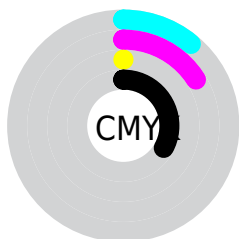
Distribution



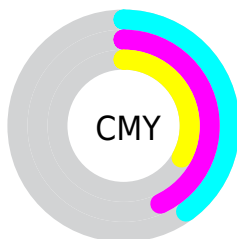
- Red (60%)
- Green (57%)
- Blue (67%)



- Red (60%)
- Yellow (57%)
- Blue (67%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.4700, 10.6143, 2.2188 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 150.4700, 10.6143, 2.2188 by changing the saturation by 10% instead.

■ 150.4700, 10.6143,
2.2188

■ 150.4700, 10.6143,
2.2188

255.0000, 0.0000,
0.0000

■ 124.3560, 10.1775,
2.3188

■ 204.5840, 11.0511,
2.1188

■ 99.9430, 9.8881,
1.8040

■ 232.8830, 10.9037,
2.7336

■ 75.8290, 9.4513,
1.9040

■ 53.3020, 8.7251,
1.4891

■ 31.8890, 8.4357,
0.9743

■ 7.6660, 10.0247,
4.6779

■ 0.0000, 0.0000,

0.0000

■ 150.4700, 10.6143,
2.2188

■ 150.4700, 10.6143,
2.2188

■ 136.9030, 17.3028,
3.5931

■ 164.0370, 3.9258,
0.8446

■ 123.3360, 23.9914,
4.9673

■ 177.6040, -2.7628,
-0.5297

■ 109.1820, 30.9693,
6.8564

■ 191.7580, -9.7407,
-2.4188

■ 95.6150, 37.6578,
8.2306

■ 205.3250,
-16.4292, -3.7930

■ 81.7490, 44.4937,
8.9901

■ 219.1910,
-23.2652, -4.5525

■ 68.1820, 51.1823,
10.3644

■ 232.7580,
-29.9537, -5.9268

■ 54.6150, 57.8708,
11.7386

■ 240.4550,
-33.7483, -2.1530

■ 40.4610, 64.8487,
13.6277

■ 244.0430,
-35.5172, 5.2243

■ 34.8570, 67.6115,
14.1574

■ 245.5380,
-36.2542, 8.2982

Harmonies

Analogous

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



148.4790, 13.5679, -11.8211



150.4700, 10.6143, 2.2188



151.4670, 5.1928, 14.4994

Triad

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



150.4700, 10.6143, 2.2188



149.9070, -12.2792, 18.4986



143.9430, 2.9861, -24.5060

Complementary

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



150.4700, 10.6143, 2.2188



166.5300, -10.6143, -2.2188

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.



145.3480, -4.6086, -15.2142



150.4700, 10.6143, 2.2188



148.3250, -12.9782, 9.3620

Square

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



150.4700, 10.6143, 2.2188



150.4930, -7.6380, 23.2466



146.9320, -10.3195, -3.4484



143.6420, 9.5435, -27.7500

Rectangle

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



150.4700, 10.6143, 2.2188



151.9470, 0.5191, 20.2175



146.9320, -10.3195, -3.4484



144.2700, 0.3599, -22.1618

Sweetspot

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



150.4700, 10.6143, 2.2188



215.4500, 4.2152, 1.3594



159.2310, 6.2951, -12.4806



106.3960, 2.7628, 0.5297



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



150.4700, 10.6143, 2.2188



190.3760, 16.5766, 3.1782



154.3570, 8.6980, 10.2109



79.9230, 3.4890, 0.9445



30.5550, 58.8864, 12.6683



4.7150, 9.0145, 2.0039

Inverse Universe

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



155.2390, 4.3192, 14.6994



197.9780, 6.9128, 22.8213



162.6430, -8.6980, -10.2109



81.3750, 1.2941, 4.9331



56.9340, 24.1895, 81.6189



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 150.4700, 10.6143, 2.2188 looks on a white background.

Color Contrast Check

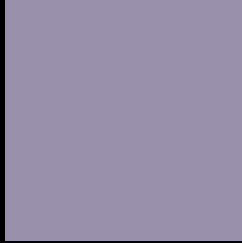
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.4700, 10.6143, 2.2188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

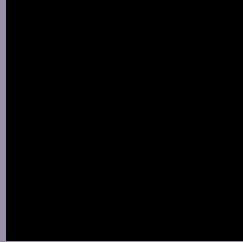
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.4700, 10.6143, 2.2188

Background



This preview shows how black text looks on a background with the YUV color 150.4700, 10.6143, 2.2188.



This preview shows how white text looks on a background with the YUV color 150.4700, 10.6143,

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

150.4700, 10.6143, 2.2188

Protanopia

149.7680, 11.9464, -5.0585

Deuteranopia

150.1710, 10.7617, 1.6040



Tritanopia

149.5640, 4.6519, 1.2594

Trichromacy



Original Color

150.4700, 10.6143, 2.2188

Protanomaly

149.9640, 11.3567, -2.5994

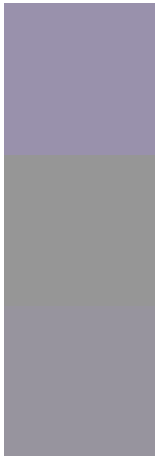
Deuteranomaly

150.1710, 10.7617, 1.6040

Tritanomaly

149.8460, 6.9779, 1.8891

Monochromacy



Original Color

150.4700, 10.6143, 2.2188

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0370, 3.9258, 0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4700, 10.6143, 2.2188 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(153, 145, 172)` looks like.

```
.text, #text, p{  
    color:rgb(153, 145, 172)  
}
```

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(153, 145, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 145, 172) }
```

Border

The CSS property to change the border of an element to YUV 150.4700, 10.6143, 2.2188 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(153, 145, 172) }
```


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

```
.border{ border-color:rgb(153, 145, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 145, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 145, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 145, 172);  
box-shadow:4px 4px 4px 4px rgb(153, 145,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 150.4700, 10.6143, 2.2188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 145, 172) }
```

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

```
.background{ background-color: rgb(153,  
145, 172) }
```

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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