

Converting Colors

YUV(150.2200, 29.9645, 2.4381)

Have a look what the booklet for
YUV(150.2200, 29.9645, 2.4381)
contains.

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Color

**YUV(150.2200, 29.9645,
2.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	9989D3
RGB	153, 137, 211
RGB Percent	60%, 54%, 83%
CMY	0.4000, 0.4627, 0.1725
CMYK	0.27, 0.35, 0.00, 0.17
HSL	253°, 46%, 68%
HSV	253°, 35%, 83%
XYZ	33.8404, 29.3668, 65.5128
YIQ	150.2200, -14.2180, 26.4060

Conversions

Conversions Part 2

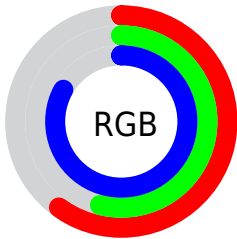
Format	Color
RYB	153, 137, 211
Decimal	10062291
CIELab	61.10, 22.04, -35.91
CIElCh	61, 42.128, 301.537
Yxy	29.3668, 0.2629, 0.2281
Android (android.graphics.Color)	4288252371 (0xFF9989D3)
YUV	150.2200, 29.9645, 2.4381
Hunter-Lab	54.1911, 16.6324, -33.7431

Details

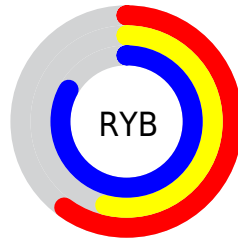
The YUV color $150.2200, 29.9645, 2.4381$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $197.7800, -29.9645, -2.4381$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $203.0910, 25.5911, 5.1822$, and $98.7530, 28.2228, 1.0936$ is the 20% darker color. If you saturate the color by 10%, you get $132.8100, 38.5477, 2.7976$, and if you desaturate by 10%, it is $167.6300, 21.3814, 2.0785$.

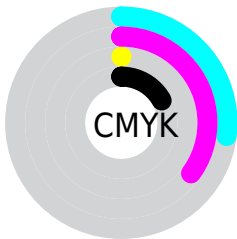
Distribution



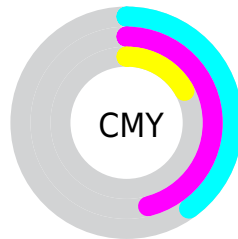
- Red (60%)
- Green (54%)
- Blue (83%)



- Red (60%)
- Yellow (54%)
- Blue (83%)



- Cyan (27%)
- Magenta (35%)
- Yellow (0%)
- Black (17%)



- Cyan (40%)
- Magenta (46%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.2200, 29.9645, 2.4381 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 150.2200, 29.9645, 2.4381 by changing the saturation by 10% instead.

■ 150.2200, 29.9645,
2.4381

■ 150.2200, 29.9645,
2.4381

255.0000, 0.0000,
0.0000

■ 124.2800, 28.9490,
1.5084

■ 203.0910, 25.5911,
5.1822

■ 98.7530, 28.2228,
1.0936

■ 227.8990, 13.3608,
7.9816

■ 74.5140, 27.3546,
-0.4508

■ 250.3040, 2.3151,
4.1184

■ 50.5740, 26.3390,
-1.3804

■ 28.0250, 25.6237,
-5.2839

■ 6.7970, 24.7501,
-5.0840

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 150.2200, 29.9645,
2.4381

■ 150.2200, 29.9645,
2.4381

■ 132.8100, 38.5477,
2.7976

■ 167.6300, 21.3814,
2.0785

■ 115.6990, 46.9834,
3.7720

■ 184.7410, 12.9457,
1.1041

■ 98.2890, 55.5665,
4.1315

■ 202.1510, 4.3626,
0.7446

■ 81.1780, 64.0022,
5.1059

■ 219.2620, -4.0732,
-0.2298

■ 63.1810, 72.8748,
5.9803

■ 237.2590,
-12.9457, -1.1041

■ 46.0700, 81.3105,
6.9546

■ 249.0870,
-18.7769, 2.5547

■ 37.8080, 85.3837,
7.1844

■ 249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



140.2570, 40.2993, -45.8294



150.2200, 29.9645, 2.4381



151.4820, 16.0314, 38.1653

Triad

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



150.2200, 29.9645, 2.4381



146.7350, -31.4214, 44.9594



114.9010, 16.3178, -100.7682

Complementary

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



150.2200, 29.9645, 2.4381



197.7800, -29.9645, -2.4381

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.



133.7390, -11.2103, -44.4981



150.2200, 29.9645, 2.4381



144.0280, -36.0028, 21.0234

Square

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



150.2200, 29.9645, 2.4381



148.2650, -18.3716, 59.4036



140.3770, -28.7799, -9.1006



118.5320, 32.7687, -103.9526

Rectangle

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



150.2200, 29.9645, 2.4381



150.8940, 4.4893, 53.5900



140.3770, -28.7799, -9.1006



122.6990, 6.0644, -78.6660

Sweetspot

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



150.2200, 29.9645, 2.4381



231.9860, 11.3459, 0.8893



180.0690, 15.2490, -37.7715



114.1340, 6.8359, 0.7595



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.



150.2200, 29.9645, 2.4381



167.0750, 43.3470, 3.4422



160.9840, 24.6579, 24.5700



95.8520, 4.5100, 0.1298



29.9160, 68.0754, 5.3357



7.3650, 16.5821, 1.4339

Inverse Universe

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



165.7380, 14.4262, 39.6948



189.5690, 20.9185, 57.3830



187.0160, -24.6579, -24.5700



98.2010, 1.8729, 5.9627



65.2800, 32.8930, 90.0854



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 150.2200, 29.9645, 2.4381 looks on a white background.

Color Contrast Check

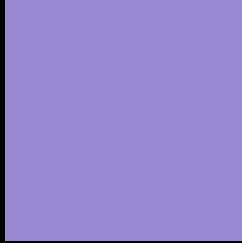
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.2200, 29.9645, 2.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

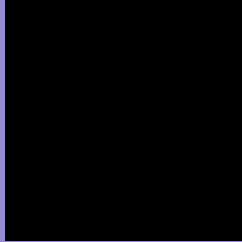
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.2200, 29.9645, 2.4381

Background



This preview shows how black text looks on a background with the YUV color 150.2200, 29.9645, 2.4381.



This preview shows how white text looks on a background with the YUV color 150.2200, 29.9645,

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

150.2200, 29.9645, 2.4381

Protanopia

146.7440, 35.1292, -20.8235

Deuteranopia

146.9030, 30.6138, -19.2089



Tritanopia

147.7590, 5.5418, -4.1736

Trichromacy



Original Color

150.2200, 29.9645, 2.4381

Protanomaly

147.9300, 33.0655, -12.2166

Deuteranomaly

148.2460, 30.4447, -11.6167

Tritanomaly

148.7730, 14.4089, -1.5549

Monochromacy



Original Color

150.2200, 29.9645, 2.4381

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8720, 10.9091, 0.9893

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.2200, 29.9645, 2.4381 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, 137, 211)` looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 211)  
}
```

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, 137, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 211) }
```

Border

The CSS property to change the border of an element to YUV 150.2200, 29.9645, 2.4381 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, 137, 211) }
```


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

```
.border{ border-color:rgb(153, 137, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 137, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 137, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 137, 211);  
box-shadow:4px 4px 4px 4px rgb(153, 137,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 150.2200, 29.9645, 2.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 211) }
```

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

```
.background{ background-color: rgb(153,  
137, 211) }
```

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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