

Converting Colors

YUV(78.9100, 23.2154,
-26.2311)

Have a look what the booklet for
YUV(78.9100, 23.2154, -26.2311)
contains.

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Color

**YUV(78.9100, 23.2154,
-26.2311)**

Conversions

Conversions Part 1

Format	Color
Hex	31557E
RGB	49, 85, 126
RGB Percent	19%, 33%, 49%
CMY	0.8078, 0.6667, 0.5059
CMYK	0.61, 0.33, 0.00, 0.51
HSL	212°, 44%, 34%
HSV	212°, 61%, 49%
XYZ	8.2810, 8.6563, 20.9730
YIQ	78.9100, -34.6170, 5.1190

Conversions

Conversions Part 2

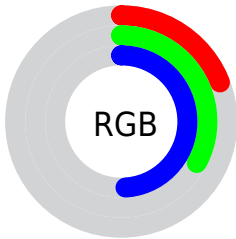
Format	Color
R _Y B	49, 74, 126
Decimal	3233150
CIE Lab	35.31, 0.48, -27.03
CIE LCh	35, 27.036, 271.013
Yxy	8.6563, 0.2184, 0.2283
Android (android.graphics.Color)	4281423230 (0xFF31557E)
YUV	78.9100, 23.2154, -26.2311
Hunter-Lab	29.4216, -1.2472, -21.6694




Details

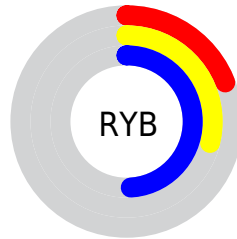
The YUV color **78.9100, 23.2154, -26.2311** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **96.0900, -23.2154, 26.2311**, and the grayscale version is **79.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **129.5620, 24.3729, -24.1719**, and **32.2580, 22.0578, -28.2903** is the 20% darker color. If you saturate the color by 10%, you get **70.9140, 27.1574, -30.6196**, and if you desaturate by 10%, it is **86.9060, 19.2733, -21.8426**.

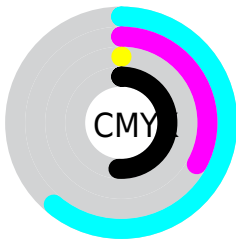
Distribution







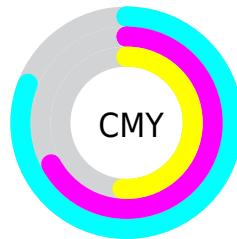
-  Red (19%)
-  Green (33%)
-  Blue (49%)






-  Red (19%)
-  Yellow (29%)
-  Blue (49%)



-  Cyan (61%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (81%)
-  Magenta (67%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9100, 23.2154, -26.2311 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 78.9100, 23.2154, -26.2311 by changing the saturation by 10% instead.

■ 78.9100, 23.2154,
-26.2311

■ 78.9100, 23.2154,
-26.2311

■ 255.0000, 0.0000,
0.0000

■ 53.5890, 23.3736,
-30.3346

■ 129.5620, 24.3729,
-24.1719

■ 32.2580, 22.0578,
-28.2903

■ 156.6760, 24.8097,
-24.2719

■ 17.8960, 17.7993,
-15.6948

■ 183.2030, 25.5359,
-23.8570

■ 4.8220, 13.3988,
-4.2289

■ 210.2910, 22.0415,
-23.0572

■ 0.4560, 1.7472,
-0.3999

■ 235.6860, 9.5218,
-20.7726

■ 0.0000, 0.0000,
0.0000

■ 250.8140, 2.0637,

-8.6069

■ 78.9100, 23.2154,
-26.2311

■ 78.9100, 23.2154,
-26.2311

■ 70.9140, 27.1574,
-30.6196

■ 86.9060, 19.2733,
-21.8426

■ 63.8040, 30.6626,
-34.9081

■ 94.0160, 15.7681,
-17.5540

■ 55.8080, 34.6047,
-39.2966

■ 102.0120, 11.8261,
-13.1655

■ 48.9970, 37.9625,
-42.9704

■ 109.7090, 8.0315,
-9.3918

■ 117.7050, 4.0894,
-5.0033

■ 125.1140, 0.4368,
-0.1000

■ 132.8110, -3.3578,
3.6738

■ 140.8070, -7.2999,
8.0623

■ 147.9170,
-10.8051, 12.3508

Harmonies

Analogous

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



67.0970, 26.0812, -58.8441



78.9100, 23.2154, -26.2311



84.5930, 17.4557, 1.2339

Triad

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



78.9100, 23.2154, -26.2311



83.7610, -10.7282, 34.4126



74.7120, -6.7600, -25.1804

Complementary

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



78.9100, 23.2154, -26.2311



96.0900, -23.2154, 26.2311

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.



78.6130, -16.5712, -4.9226



78.9100, 23.2154, -26.2311



82.4690, -17.9792, 26.7757

Square

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



78.9100, 23.2154, -26.2311



84.3940, -0.6872, 33.8575



81.2840, -20.8460, 12.9059



64.6400, 9.0515, -56.6893

Rectangle

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



78.9100, 23.2154, -26.2311



85.9000, 11.8813, 15.8737



81.2840, -20.8460, 12.9059



76.4310, -10.5655, -17.9180

Sweetspot

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



78.9100, 23.2154, -26.2311



145.5240, 8.6157, -10.1065



98.7590, -4.8112, -43.6386



70.7480, 5.5472, -5.9180



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



78.9100, 23.2154, -26.2311



90.4380, 35.7731, -40.7261



58.0770, 33.4860, -7.0835



59.5590, 2.1894, -2.2442



49.8120, 38.5467, -43.6851



0.0000, 0.0000, 0.0000

Inverse Universe

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



76.1270, 4.3744, 43.7386



85.9650, 6.9193, 67.5597



116.9230, -33.4860, 7.0835



59.4350, 0.2785, 4.0035



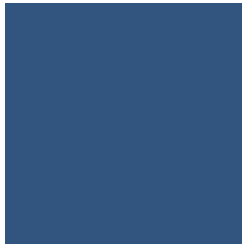
45.1120, 7.3398, 72.6928



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 78.9100, 23.2154, -26.2311 looks on a white 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

Black Background



This preview shows how the YUV color 78.9100, 23.2154, -26.2311 looks on a black 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

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

YUV 78.9100, 23.2154, -26.2311

Background



This preview shows how black text looks on a background with the YUV color 78.9100, 23.2154, -26.2311.

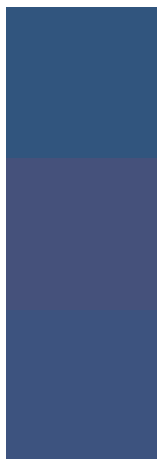


This preview shows how white text looks on a background with the YUV color 78.9100, 23.2154,

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

78.9100, 23.2154, -26.2311

Protanopia

82.2000, 20.1144, -11.5764

Deuteranopia

81.4380, 22.4621, -17.9241



Tritanopia

75.3530, 11.1650, -34.5126

Trichromacy



Original Color

78.9100, 23.2154, -26.2311

Protanomaly

80.8080, 21.2937, -16.4946

Deuteranomaly

80.8290, 22.7623, -20.8980

Tritanomaly

76.8140, 15.3747, -31.4089

Monochromacy



Original Color

78.9100, 23.2154, -26.2311

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8230, 8.4683, -9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9100, 23.2154, -26.2311 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(49, 85, 126)` looks like.

```
.text, #text, p{  
    color:rgb(49, 85, 126)  
}
```

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(49, 85, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 85, 126) }
```

Border

The CSS property to change the border of an element to YUV 78.9100, 23.2154, -26.2311 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(49, 85, 126) }
```


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

```
.border{ border-color:rgb(49, 85, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 85, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 85, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 85, 126);  
box-shadow:4px 4px 4px 4px rgb(49, 85,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 78.9100, 23.2154, -26.2311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 85, 126) }
```

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

```
.background{ background-color: rgb(49, 85,  
126) }
```

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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