

Converting Colors

YUV(78.9910, 23.6684,
-31.5641)

Have a look what the booklet for
YUV(78.9910, 23.6684, -31.5641)
contains.

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Color

**YUV(78.9910, 23.6684,
-31.5641)**

Conversions

Conversions Part 1

Format	Color
Hex	2B587F
RGB	43, 88, 127
RGB Percent	17%, 35%, 50%
CMY	0.8314, 0.6549, 0.5020
CMYK	0.66, 0.31, 0.00, 0.50
HSL	208°, 49%, 33%
HSV	208°, 66%, 50%
XYZ	8.3167, 9.0253, 21.3824
YIQ	78.9910, -39.3390, 2.5890

Conversions

Conversions Part 2

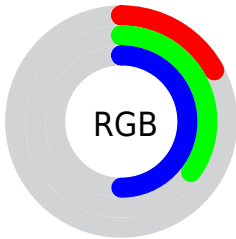
Format	Color
R_{YB}	43, 72, 127
Decimal	2840703
CIE _{Lab}	36.03, -2.30, -26.54
CIE _{LCh}	36, 26.638, 265.040
Yxy	9.0253, 0.2148, 0.2331
Android (android.graphics.Color)	4281030783 (0xFF2B587F)
YUV	78.9910, 23.6684, -31.5641
Hunter-Lab	30.0422, -3.1587, -21.1698




Details

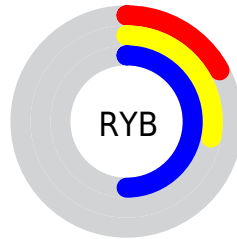
The YUV color **78.9910, 23.6684, -31.5641** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **91.0090, -23.6684, 31.5641**, and the grayscale version is **79.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **130.5290, 24.3892, -29.4049**, and **34.1330, 21.6264, -29.9346** is the 20% darker color. If you saturate the color by 10%, you get **71.5820, 27.3211, -36.4674**, and if you desaturate by 10%, it is **86.4000, 20.0158, -26.6608**.

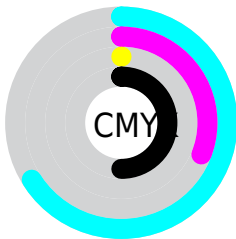
Distribution







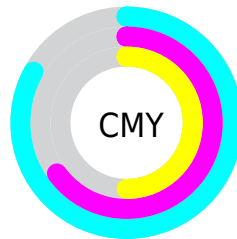
-  Red (17%)
-  Green (35%)
-  Blue (50%)






-  Red (17%)
-  Yellow (28%)
-  Blue (50%)



-  Cyan (66%)
-  Magenta (31%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (83%)
-  Magenta (65%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9910, 23.6684, -31.5641 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 78.9910, 23.6684, -31.5641 by changing the saturation by 10% instead.

■ 78.9910, 23.6684,
-31.5641

■ 78.9910, 23.6684,
-31.5641

■ 255.0000, 0.0000,
0.0000

■ 51.8760, 24.7111,
-39.3563

■ 130.5290, 24.3892,
-29.4049

■ 34.1330, 21.6264,
-29.9346

■ 157.0560, 25.1154,
-28.9901

■ 19.7710, 17.3679,
-17.3392

■ 184.4690, 25.4048,
-28.4753

■ 4.9360, 13.8356,
-4.3289

■ 211.4430, 21.4736,
-27.5755

■ 0.6840, 2.6208,
-0.5999

■ 236.2510, 9.2433,
-24.7761

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,

-11.0660

■ 78.9910, 23.6684,
-31.5641

■ 78.9910, 23.6684,
-31.5641

■ 71.5820, 27.3211,
-36.4674

■ 86.4000, 20.0158,
-26.6608

■ 64.4720, 30.8263,
-40.7559

■ 93.5100, 16.5106,
-22.3723

■ 57.0630, 34.4789,
-45.6593

■ 100.9190, 12.8579,
-17.4690

■ 54.3940, 35.7948,
-47.7035

■ 108.3280, 9.2053,
-12.5657

■ 115.1500, 5.8421,
-7.1475

■ 122.2600, 2.3368,
-2.8590

■ 129.6690, -1.3158,
2.0443

■ 137.0780, -4.9685,
6.9476

■ 144.1880, -8.4737,
11.2361

Harmonies

Analogous

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



68.1570, 25.0656, -59.7737



78.9910, 23.6684, -31.5641



85.7880, 18.3455, -4.1991

Triad

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



78.9910, 23.6684, -31.5641



85.6300, -8.6916, 34.5275



77.8760, -8.8129, -20.0623

Complementary

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



78.9910, 23.6684, -31.5641



91.0090, -23.6684, 31.5641

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.



81.2930, -17.8924, -1.1340



78.9910, 23.6684, -31.5641



84.7080, -17.1110, 28.3201

Square

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



78.9910, 23.6684, -31.5641



86.8390, 1.0654, 31.7132



83.1210, -20.2727, 15.6799



71.1530, 4.3616, -45.7382

Rectangle

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



78.9910, 23.6684, -31.5641



87.0350, 13.7867, 11.3703



83.1210, -20.2727, 15.6799



79.2960, -12.4709, -13.4146

Sweetspot

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



78.9910, 23.6684, -31.5641



146.7410, 9.4947, -12.0509



96.6400, -7.7105, -47.0423



72.7370, 5.5527, -7.6623



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



78.9910, 23.6684, -31.5641



91.0240, 36.9632, -49.1330



54.9240, 35.5335, -10.4573



60.1460, 1.9000, -2.7590



54.5080, 36.2316, -47.8035



0.0000, 0.0000, 0.0000

Inverse Universe

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



73.2460, 7.2737, 47.1423



82.1490, 11.2655, 73.5373



115.0760, -35.5335, 10.4573



59.5490, 0.7153, 3.9035



46.0240, 10.8342, 71.8930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 78.9910, 23.6684, -31.5641 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 78.9910, 23.6684, -31.5641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

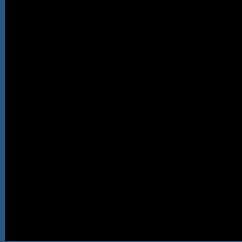
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9910, 23.6684, -31.5641

Background



This preview shows how black text looks on a background with the YUV color 78.9910, 23.6684, -31.5641.



This preview shows how white text looks on a background with the YUV color 78.9910, 23.6684,

-31.5641.

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

78.9910, 23.6684, -31.5641

Protanopia

83.9720, 19.2408, -11.3764

Deuteranopia

83.0360, 22.1673, -16.6946



Tritanopia

74.1780, 13.2232, -41.3751

Trichromacy



Original Color

78.9910, 23.6684, -31.5641

Protanomaly

82.2700, 20.5729, -18.6538

Deuteranomaly

81.2310, 23.0571, -22.1276

Tritanomaly

75.8240, 16.8488, -37.5566

Monochromacy



Original Color

78.9910, 23.6684, -31.5641

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8120, 8.4737, -11.2361

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9910, 23.6684, -31.5641 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(43, 88, 127)` looks like.

```
.text, #text, p{  
    color:rgb(43, 88, 127)  
}
```

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(43, 88, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 88, 127) }
```

Border

The CSS property to change the border of an element to YUV 78.9910, 23.6684, -31.5641 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(43, 88, 127) }
```


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

```
.border{ border-color:rgb(43, 88, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 88, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 88, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 88, 127);  
box-shadow:4px 4px 4px 4px rgb(43, 88,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 78.9910, 23.6684, -31.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 88, 127) }
```

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

```
.background{ background-color: rgb(43, 88,  
127) }
```

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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