

Converting Colors

YUV(68.8350, 20.2943,
-22.6573)

Have a look what the booklet for
YUV(68.8350, 20.2943, -22.6573)
contains.

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Color

**YUV(68.8350, 20.2943,
-22.6573)**

Conversions

Conversions Part 1

Format	Color
Hex	2B4A6E
RGB	43, 74, 110
RGB Percent	17%, 29%, 43%
CMY	0.8314, 0.7098, 0.5686
CMYK	0.61, 0.33, 0.00, 0.57
HSL	212°, 44%, 30%
HSV	212°, 61%, 43%
XYZ	6.2595, 6.5369, 15.6837
YIQ	68.8350, -30.0320, 4.6240

Conversions

Conversions Part 2

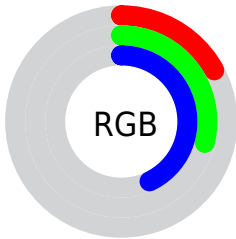
Format	Color
R_{YB}	43, 64, 110
Decimal	2837102
CIE Lab	30.73, 0.50, -24.27
CIE LCh	31, 24.278, 271.179
Yxy	6.5369, 0.2198, 0.2295
Android (android.graphics.Color)	4281027182 (0xFF2B4A6E)
YUV	68.8350, 20.2943, -22.6573
Hunter-Lab	25.5674, -1.0420, -18.4727




Details

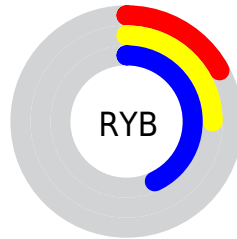
The YUV color **68.8350, 20.2943, -22.6573** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **84.1650, -20.2943, 22.6573**, and the grayscale version is **69.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **118.4870, 21.4519, -20.5981**, and **25.2650, 18.1104, -22.1574** is the 20% darker color. If you saturate the color by 10%, you get **62.0240, 23.6522, -26.3310**, and if you desaturate by 10%, it is **75.6460, 16.9365, -18.9835**.

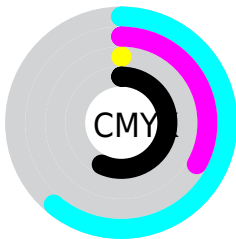
Distribution







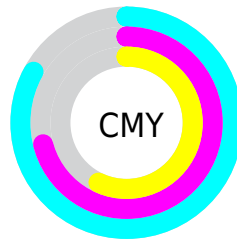
-  Red (17%)
-  Green (29%)
-  Blue (43%)






-  Red (17%)
-  Yellow (25%)
-  Blue (43%)



-  Cyan (61%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (83%)
-  Magenta (71%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.8350, 20.2943, -22.6573 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 68.8350, 20.2943, -22.6573 by changing the saturation by 10% instead.

■ 68.8350, 20.2943,
-22.6573

■ 68.8350, 20.2943,
-22.6573

■ 255.0000, 0.0000,
0.0000

■ 44.4000, 20.0158,
-26.6608

■ 118.4870, 21.4519,
-20.5981

■ 25.2650, 18.1104,
-22.1574

■ 144.6010, 21.8887,
-20.6981

■ 7.4950, 16.0250,
-6.5731

■ 171.4160, 22.4729,
-21.4128

■ 2.6390, 7.5730,
-2.3144

■ 198.8290, 22.7623,
-20.8980

■ 0.0000, 0.0000,
0.0000

■ 224.7770, 14.8999,
-19.0984

■ 248.1230, 3.3904,

-14.1399

■ 68.8350, 20.2943,
-22.6573

■ 68.8350, 20.2943,
-22.6573

■ 62.0240, 23.6522,
-26.3310

■ 75.6460, 16.9365,
-18.9835

■ 55.2130, 27.0100,
-30.0048

■ 82.4570, 13.5787,
-15.3098

■ 48.4020, 30.3678,
-33.6786

■ 89.2680, 10.2209,
-11.6360

■ 42.4770, 33.2888,
-37.2523

■ 96.0790, 6.8631,
-7.9623

■ 102.8900, 3.5052,
-4.2885

■ 109.1140, 0.4368,
-0.1000

■ 115.9250, -2.9210,
3.5738

■ 122.7360, -6.2788,
7.2475

■ 129.5470, -9.6367,
10.9213

Harmonies

Analogous

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



58.3430, 23.0019, -51.1668



68.8350, 20.2943, -22.6573



73.7240, 15.4191, 1.1191

Triad

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



68.8350, 20.2943, -22.6573



72.7820, -9.2595, 30.0092



65.5490, -6.1867, -22.4065

Complementary

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



68.8350, 20.2943, -22.6573



84.1650, -20.2943, 22.6573

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.



68.7810, -14.6820, -4.1929



68.8350, 20.2943, -22.6573



72.3160, -15.9318, 23.4019

Square

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



68.8350, 20.2943, -22.6573



73.6600, -0.8184, 29.2392



70.3700, -17.9304, 11.0765



56.6410, 7.5720, -48.7972

Rectangle

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



68.8350, 20.2943, -22.6573



74.5470, 10.5763, 14.4293



70.3700, -17.9304, 11.0765



67.0830, -9.4079, -15.8588

Sweetspot

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



68.8350, 20.2943, -22.6573



127.0080, 7.8841, -8.7770



86.4330, -3.6645, -38.0907



61.8190, 4.5262, -5.1033



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



68.8350, 20.2943, -22.6573



79.0320, 31.5362, -35.1081



51.2360, 28.9707, -5.4690



52.4450, 1.7526, -2.1443



45.9650, 36.4993, -40.3113



95.0760, 74.8985, -83.3817

Inverse Universe

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



66.5670, 3.6645, 38.0907



75.5680, 5.6360, 59.1379



101.7640, -28.9707, 5.4690



52.1360, 0.4260, 3.3887



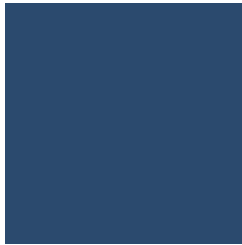
42.1500, 6.3351, 68.2745



86.8490, 13.3854, 140.4524

Previews

White Background



This preview shows how the YUV color 68.8350, 20.2943, -22.6573 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 68.8350, 20.2943, -22.6573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

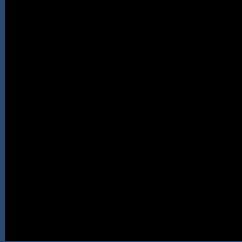
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.8350, 20.2943, -22.6573

Background



This preview shows how black text looks on a background with the YUV color 68.8350, 20.2943, -22.6573.



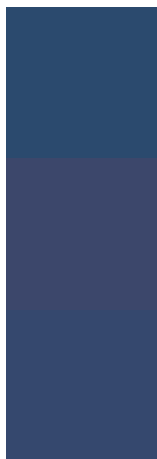
This preview shows how white text looks on a background with the YUV color 68.8350, 20.2943, -22.6573.

-22.6573.

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

68.8350, 20.2943, -22.6573

Protanopia

71.8150, 17.3462, -10.3618

Deuteranopia

70.6510, 19.3991, -15.4799



Tritanopia

65.6310, 9.5489, -29.4944

Trichromacy



Original Color

68.8350, 20.2943, -22.6573

Protanomaly

70.7220, 18.3781, -14.6652

Deuteranomaly

70.0420, 19.6993, -18.4538

Tritanomaly

66.6790, 13.4693, -26.9055

Monochromacy



Original Color

68.8350, 20.2943, -22.6573

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1930, 7.2999, -8.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.8350, 20.2943, -22.6573 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, 74, 110)` looks like.

```
.text, #text, p{  
    color:rgb(43, 74, 110)  
}
```

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, 74, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 74, 110) }
```

Border

The CSS property to change the border of an element to YUV 68.8350, 20.2943, -22.6573 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, 74, 110) }
```


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

```
.border{ border-color:rgb(43, 74, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 74, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 74, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 74, 110);  
box-shadow:4px 4px 4px 4px rgb(43, 74,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 68.8350, 20.2943, -22.6573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 74, 110) }
```

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

```
.background{ background-color: rgb(43, 74,  
110) }
```

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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