

Converting Colors

YUV(68.8340, 21.7738,
-30.5494)

Have a look what the booklet for
YUV(68.8340, 21.7738, -30.5494)
contains.

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Color

**YUV(68.8340, 21.7738,
-30.5494)**

Conversions

Conversions Part 1

Format	Color
Hex	224E71
RGB	34, 78, 113
RGB Percent	13%, 31%, 44%
CMY	0.8667, 0.6941, 0.5569
CMYK	0.70, 0.31, 0.00, 0.56
HSL	207°, 54%, 29%
HSV	207°, 70%, 44%
XYZ	6.3647, 6.9811, 16.6348
YIQ	68.8340, -37.4590, 1.5570

Conversions

Conversions Part 2

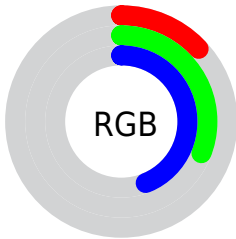
Format	Color
R_{YB}	34, 62, 113
Decimal	2248305
CIE _{Lab}	31.76, -2.84, -24.57
CIE _{LCh}	32, 24.729, 263.410
Yxy	6.9811, 0.2123, 0.2329
Android (android.graphics.Color)	4280438385 (0xFF224E71)
YUV	68.8340, 21.7738, -30.5494
Hunter-Lab	26.4218, -3.2395, -18.8329

Details

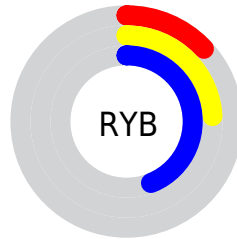
The YUV color **68.8340, 21.7738, -30.5494** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **78.1660, -21.7738, 30.5494**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6710, 22.3472, -27.7755**, and **27.3680, 18.5526, -24.0017** is the 20% darker color. If you saturate the color by 10%, you get **62.6100, 24.8423, -34.7380**, and if you desaturate by 10%, it is **75.0580, 18.7054, -26.3609**.

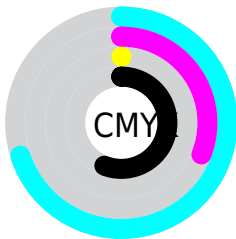
Distribution



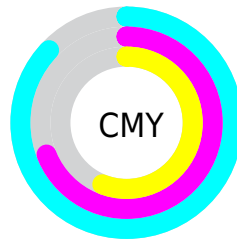
- Red (13%)
- Green (31%)
- Blue (44%)



- Red (13%)
- Yellow (24%)
- Blue (44%)



- Cyan (70%)
- Magenta (31%)
- Yellow (0%)
- Black (56%)



- Cyan (87%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.8340, 21.7738, -30.5494 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 68.8340, 21.7738, -30.5494 by changing the saturation by 10% instead.

68.8340, 21.7738,
-30.5494

68.8340, 21.7738,
-30.5494

255.0000, 0.0000,
0.0000

42.3170, 22.5217,
-37.1120

119.6710, 22.3472,
-27.7755

27.3680, 18.5526,
-24.0017

146.0840, 22.6366,
-27.2607

11.3590, 15.5990,
-9.9618

172.6110, 23.3628,
-26.8458

2.9810, 8.8834,
-2.6143

200.4260, 23.9470,
-27.5606

0.0000, 0.0000,
0.0000

225.9180, 14.3374,
-25.3611

246.3290, 4.2748,

-17.8285

■ 68.8340, 21.7738,
-30.5494

■ 68.8340, 21.7738,
-30.5494

■ 62.6100, 24.8423,
-34.7380

■ 75.0580, 18.7054,
-26.3609

■ 56.0870, 28.0581,
-39.5413

■ 81.5810, 15.4896,
-21.5575

■ 49.8630, 31.1265,
-43.7299

■ 87.8050, 12.4211,
-17.3690

■ 94.0290, 9.3527,
-13.1804

■ 100.2530, 6.2843,
-8.9919

■ 106.7760, 3.0684,
-4.1886

■ 113.0000, 0.0000,
0.0000

■ 119.2240, -3.0684,
4.1886

■ 125.7470, -6.2843,
8.9919

Harmonies

Analogous

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



60.6910, 21.8443, -53.2260



68.8340, 21.7738, -30.5494



75.1470, 17.1825, -4.5139

Triad

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



68.8340, 21.7738, -30.5494



75.5480, -7.6652, 31.9684



68.5990, -8.6763, -17.1883

Complementary

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



68.8340, 21.7738, -30.5494



78.1660, -21.7738, 30.5494

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.



71.6460, -16.5875, 0.3105



68.8340, 21.7738, -30.5494



74.5660, -15.0690, 26.6906

Square

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



68.8340, 21.7738, -30.5494



76.3440, 1.8024, 28.6393



73.5770, -18.5255, 15.2800



62.9580, 3.4717, -40.3052

Rectangle

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



68.8340, 21.7738, -30.5494



76.7960, 12.9186, 9.8259



73.5770, -18.5255, 15.2800



69.8340, -11.7502, -11.2554

Sweetspot

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



68.8340, 21.7738, -30.5494



130.5130, 8.6211, -11.8509



84.2490, -8.0108, -44.0684



63.6230, 5.1159, -7.5624



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



68.8340, 21.7738, -30.5494



78.6390, 34.1950, -47.9184



45.9410, 33.0601, -10.4723



53.0320, 1.4632, -2.6591



53.0090, 33.0266, -46.4889



109.1640, 67.9531, -95.7368

Inverse Universe

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



62.6370, 7.5740, 44.1684



68.9420, 11.8606, 69.3339



101.0590, -33.0601, 10.4723



52.2500, 0.8628, 3.2888



43.5180, 11.5766, 67.0747



89.5850, 23.8686, 138.0530

Previews

White Background



This preview shows how the YUV color 68.8340, 21.7738, -30.5494 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 68.8340, 21.7738, -30.5494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

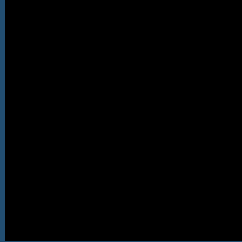
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

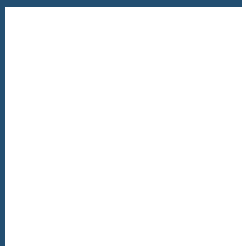
Any Text WCAG AAA × Fail

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

YUV 68.8340, 21.7738, -30.5494 Background



This preview shows how black text looks on a background with the YUV color 68.8340, 21.7738, -30.5494.

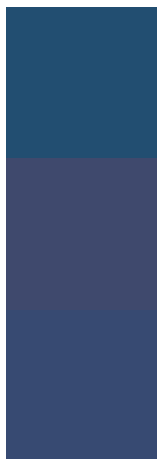


This preview shows how white text looks on a background with the YUV color 68.8340, 21.7738,

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

68.8340, 21.7738, -30.5494

Protanopia

74.1140, 17.1988, -9.7470

Deuteranopia

72.8790, 20.2727, -15.6799



Tritanopia

63.3520, 12.6445, -42.4047

Trichromacy



Original Color

68.8340, 21.7738, -30.5494

Protanomaly

72.1130, 18.6783, -17.6391

Deuteranomaly

71.0740, 21.1625, -21.1129

Tritanomaly

65.2970, 16.1226, -37.9715

Monochromacy



Original Color

68.8340, 21.7738, -30.5494

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.6980, 8.0369, -11.1361

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.8340, 21.7738, -30.5494 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(34, 78, 113)` looks like.

```
.text, #text, p{  
    color:rgb(34, 78, 113)  
}
```

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(34, 78, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 78, 113) }
```

Border

The CSS property to change the border of an element to YUV 68.8340, 21.7738, -30.5494 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(34, 78, 113) }
```


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

```
.border{ border-color:rgb(34, 78, 113) }
```

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

Here you see how a box with a 4 pixel rgb(34, 78, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 78, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 78, 113);  
box-shadow:4px 4px 4px 4px rgb(34, 78,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 68.8340, 21.7738, -30.5494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 78, 113) }
```

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

```
.background{ background-color: rgb(34, 78,  
113) }
```

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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