

Converting Colors

YUV(68.8890, 21.7467,
-21.8277)

Have a look what the booklet for
YUV(68.8890, 21.7467, -21.8277)
contains.

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Color

**YUV(68.8890, 21.7467,
-21.8277)**

Conversions

Conversions Part 1

Format	Color
Hex	2C4971
RGB	44, 73, 113
RGB Percent	17%, 29%, 44%
CMY	0.8275, 0.7137, 0.5569
CMYK	0.61, 0.35, 0.00, 0.56
HSL	215°, 44%, 31%
HSV	215°, 61%, 44%
XYZ	6.4019, 6.4928, 16.5386
YIQ	68.8890, -30.1240, 6.2920

Conversions

Conversions Part 2

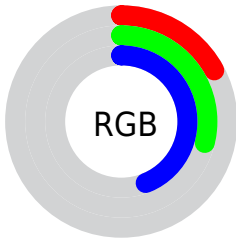
Format	Color
R_YB	44, 64, 113
Decimal	2902385
CIE Lab	30.62, 2.47, -26.33
CIE LCh	31, 26.442, 275.367
Yxy	6.4928, 0.2175, 0.2206
Android (android.graphics.Color)	4281092465 (0xFF2C4971)
YUV	68.8890, 21.7467, -21.8277
Hunter-Lab	25.4810, 0.2549, -20.6459




Details

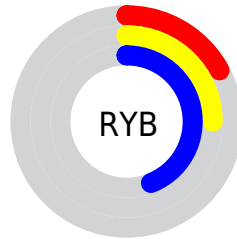
The YUV color **68.8890, 21.7467, -21.8277** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **88.1110, -21.7467, 21.8277**, and the grayscale version is **69.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **118.5410, 22.9043, -19.7685**, and **25.0200, 19.7101, -21.9425** is the 20% darker color. If you saturate the color by 10%, you get **61.4910, 25.3939, -24.9866**, and if you desaturate by 10%, it is **76.2870, 18.0995, -18.6687**.

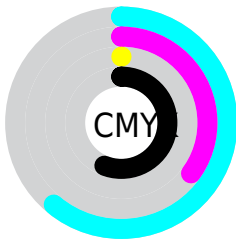
Distribution







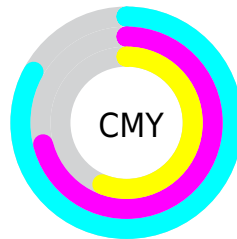
-  Red (17%)
-  Green (29%)
-  Blue (44%)






-  Red (17%)
-  Yellow (25%)
-  Blue (44%)



-  Cyan (61%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (83%)
-  Magenta (71%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.8890, 21.7467, -21.8277 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 68.8890, 21.7467, -21.8277 by changing the saturation by 10% instead.

68.8890, 21.7467,
-21.8277

68.8890, 21.7467,
-21.8277

255.0000, 0.0000,
0.0000

44.1550, 21.6156,
-26.4459

118.5410, 22.9043,
-19.7685

25.0200, 19.7101,
-21.9425

144.6550, 23.3411,
-19.8684

6.6630, 17.9141,
-5.8435

171.7690, 23.7779,
-19.9684

2.9810, 8.8834,
-2.6143

198.9970, 24.6515,
-20.1684

0.0000, 0.0000,
0.0000

224.4890, 15.0419,
-17.9689

248.4220, 3.2430,

-13.5251

■ 68.8890, 21.7467,
-21.8277

■ 68.8890, 21.7467,
-21.8277

■ 61.4910, 25.3939,
-24.9866

■ 76.2870, 18.0995,
-18.6687

■ 54.3810, 28.8992,
-29.2751

■ 83.3970, 14.5943,
-14.3802

■ 46.9830, 32.5464,
-32.4341

■ 90.7950, 10.9471,
-11.2212

■ 40.4710, 35.7568,
-35.4931

■ 97.6060, 7.5892,
-7.5475

■ 105.3030, 3.7946,
-3.7737

■ 112.1140, 0.4368,
-0.1000

■ 119.5120, -3.2104,
3.0590

■ 126.3230, -6.5682,
6.7327

■ 134.0200,
-10.3629, 10.5065

Harmonies

Analogous

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



58.7990, 24.7491, -51.5667



68.8890, 21.7467, -21.8277



73.8600, 15.8450, 4.5078

Triad

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



68.8890, 21.7467, -21.8277



72.2230, -11.4489, 32.2534



62.9720, -4.4232, -28.0394

Complementary

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



68.8890, 21.7467, -21.8277



88.1110, -21.7467, 21.8277

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.



67.6450, -15.1080, -7.5817



68.8890, 21.7467, -21.8277



71.4470, -17.9684, 23.2870

Square

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



68.8890, 21.7467, -21.8277



73.0410, -1.9922, 32.4130



69.9030, -19.6722, 9.7321



57.2710, 8.7404, -50.2267

Rectangle

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



68.8890, 21.7467, -21.8277



74.5690, 10.5655, 17.9180



69.9030, -19.6722, 9.7321



64.9900, -8.3761, -20.1622

Sweetspot

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



68.8890, 21.7467, -21.8277



130.5350, 8.6102, -8.3622



88.9490, -2.9329, -39.4203



63.9330, 4.9630, -5.2032



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.



68.8890, 21.7467, -21.8277



78.7270, 34.1516, -33.9636



53.3610, 29.4020, -3.8246



52.4450, 1.7526, -2.1443



43.0300, 37.9462, -37.7373



89.2060, 77.7924, -78.2337

Inverse Universe

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



67.9370, 2.4961, 39.5203



77.4220, 3.7360, 61.8969



103.6390, -29.4020, 3.8246



52.1360, 0.4260, 3.3887



41.5800, 4.1511, 68.7743



85.7090, 9.0175, 141.4522

Previews

White Background



This preview shows how the YUV color 68.8890, 21.7467, -21.8277 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 68.8890, 21.7467, -21.8277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

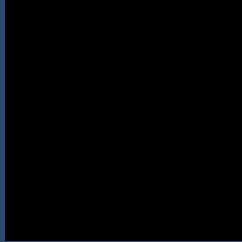
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.8890, 21.7467, -21.8277

Background



This preview shows how black text looks on a background with the YUV color 68.8890, 21.7467, -21.8277.



This preview shows how white text looks on a background with the YUV color 68.8890, 21.7467, -21.8277.

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

68.8890, 21.7467, -21.8277

Protanopia

71.3740, 19.5356, -12.6060

Deuteranopia

69.7970, 21.2991, -18.2390



Tritanopia

65.3320, 9.6963, -30.1092

Trichromacy



Original Color

68.8890, 21.7467, -21.8277

Protanomaly

70.5800, 20.4201, -16.2947

Deuteranomaly

69.1990, 21.5939, -19.4685

Tritanomaly

66.7930, 13.9061, -27.0055

Monochromacy



Original Color

68.8890, 21.7467, -21.8277

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.7200, 8.0260, -7.6474

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.8890, 21.7467, -21.8277 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(44, 73, 113)` looks like.

```
.text, #text, p{  
    color:rgb(44, 73, 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(44, 73, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 73, 113) }
```

Border

The CSS property to change the border of an element to YUV 68.8890, 21.7467, -21.8277 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(44, 73, 113) }
```


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

```
.border{ border-color:rgb(44, 73, 113) }
```

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

Here you see how a box with a 4 pixel rgb(44, 73, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 73, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 73, 113);  
box-shadow:4px 4px 4px 4px rgb(44, 73,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 68.8890, 21.7467, -21.8277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 73, 113) }
```

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

```
.background{ background-color: rgb(44, 73,  
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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