

Converting Colors

YUV(79.3180, 21.0422,
-29.2199)

Have a look what the booklet for
YUV(79.3180, 21.0422, -29.2199)
contains.

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Color

**YUV(79.3180, 21.0422,
-29.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	2E587A
RGB	46, 88, 122
RGB Percent	18%, 35%, 48%
CMY	0.8196, 0.6549, 0.5216
CMYK	0.62, 0.28, 0.00, 0.52
HSL	207°, 45%, 33%
HSV	207°, 62%, 48%
XYZ	8.1293, 8.9654, 19.7144
YIQ	79.3180, -35.9460, 1.6700

Conversions

Conversions Part 2

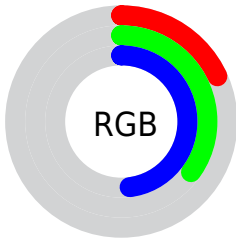
Format	Color
RYB	46, 73, 122
Decimal	3037306
CIELab	35.92, -3.49, -23.63
CIELCh	36, 23.888, 261.608
Yxy	8.9654, 0.2208, 0.2436
Android (android.graphics.Color)	4281227386 (0xFF2E587A)
YUV	79.3180, 21.0422, -29.2199
Hunter-Lab	29.9423, -3.9366, -18.0776




Details

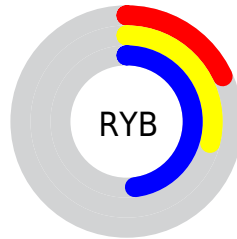
The YUV color **79.3180, 21.0422, -29.2199** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **88.6820, -21.0422, 29.2199**, and the grayscale version is **79.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **130.5570, 21.9104, -27.6755**, and **33.5630, 19.4424, -29.4348** is the 20% darker color. If you saturate the color by 10%, you get **72.7950, 24.2581, -34.0232**, and if you desaturate by 10%, it is **85.8410, 17.8264, -24.4166**.

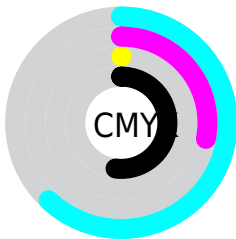
Distribution







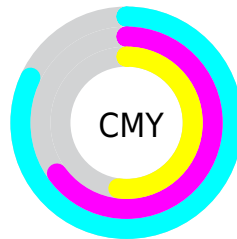
-  Red (18%)
-  Green (35%)
-  Blue (48%)






-  Red (18%)
-  Yellow (29%)
-  Blue (48%)



-  Cyan (62%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.3180, 21.0422, -29.2199 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 79.3180, 21.0422, -29.2199 by changing the saturation by 10% instead.

■ 79.3180, 21.0422,
-29.2199

■ 79.3180, 21.0422,
-29.2199

■ 255.0000, 0.0000,
0.0000

■ 53.6980, 21.3479,
-33.9381

■ 130.5570, 21.9104,
-27.6755

■ 33.5630, 19.4424,
-29.4348

■ 156.9700, 22.1998,
-27.1607

■ 19.2010, 15.1839,
-16.8393

■ 184.0840, 22.6366,
-27.2607

■ 4.4800, 12.0884,
-3.9290

■ 211.7420, 21.3262,
-26.9607

■ 0.0000, 0.0000,
0.0000

■ 236.5500, 9.0958,
-24.1614

■ 249.9170, 2.5059,

-10.4512

■ 79.3180, 21.0422,
-29.2199

■ 79.3180, 21.0422,
-29.2199

■ 72.7950, 24.2581,
-34.0232

■ 85.8410, 17.8264,
-24.4166

■ 65.6850, 27.7633,
-38.3117

■ 92.9510, 14.3212,
-20.1280

■ 58.8630, 31.1265,
-43.7299

■ 99.7730, 10.9579,
-14.7099

■ 53.2370, 33.9002,
-46.6888

■ 106.8830, 7.4527,
-10.4214

■ 113.4060, 4.2368,
-5.6181

■ 120.5160, 0.7316,
-1.3295

■ 127.0390, -2.4842,
3.4738

■ 134.4480, -6.1369,
8.3771

■ 140.9710, -9.3527,
13.1804

Harmonies

Analogous

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



67.8970, 22.7288, -56.9147



79.3180, 21.0422, -29.2199



85.4350, 17.0405, -5.6435

Triad

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



79.3180, 21.0422, -29.2199



85.6620, -7.2284, 31.8684



79.0830, -9.4079, -15.8588

Complementary

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



79.3180, 21.0422, -29.2199



88.6820, -21.0422, 29.2199

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.



81.9450, -16.7349, 0.9252



79.3180, 21.0422, -29.2199



84.6800, -14.6322, 26.5906

Square

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



79.3180, 21.0422, -29.2199



86.7460, 2.0972, 27.4098



83.2890, -18.3835, 16.4095



74.5350, 1.7082, -34.6722

Rectangle

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



79.3180, 21.0422, -29.2199



86.7850, 12.9240, 8.0816



83.2890, -18.3835, 16.4095



80.3180, -12.4818, -9.9259

Sweetspot

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



79.3180, 21.0422, -29.2199



141.3990, 8.1843, -11.7509



94.3740, -7.5794, -42.4240



68.9220, 4.9685, -6.9476



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



79.3180, 21.0422, -29.2199



91.6070, 32.7317, -45.2593



57.5990, 31.7497, -10.1723



57.4450, 1.7526, -2.1443



54.7530, 34.6318, -48.0184



110.9080, 69.5584, -97.2663

Inverse Universe

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



73.5120, 7.1426, 42.5240



82.6920, 10.9978, 66.0451



110.4010, -31.7497, 10.1723



57.1360, 0.4260, 3.3887



45.2410, 11.7132, 69.9486



91.3080, 24.0052, 140.9269

Previews

White Background



This preview shows how the YUV color 79.3180, 21.0422, -29.2199 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 79.3180, 21.0422, -29.2199 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

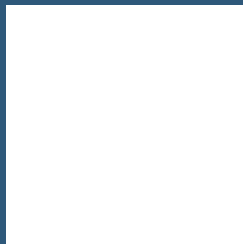
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 79.3180, 21.0422, -29.2199

Background



This preview shows how black text looks on a background with the YUV color 79.3180, 21.0422, -29.2199.

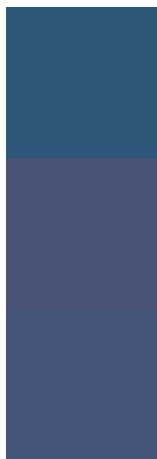


This preview shows how white text looks on a background with the YUV color 79.3180, 21.0422,

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

79.3180, 21.0422, -29.2199

Protanopia

84.0000, 16.7620, -9.6470

Deuteranopia

83.6620, 19.3936, -13.7356



Tritanopia

75.8690, 11.8966, -35.8421

Trichromacy



Original Color

79.3180, 21.0422, -29.2199

Protanomaly

82.2980, 18.0941, -16.9243

Deuteranomaly

81.8570, 20.2835, -19.1686

Tritanomaly

77.3900, 15.0907, -33.6680

Monochromacy



Original Color

79.3180, 21.0422, -29.2199

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9970, 7.8895, -10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.3180, 21.0422, -29.2199 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(46, 88, 122)` looks like.

```
.text, #text, p{  
    color:rgb(46, 88, 122)  
}
```

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(46, 88, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 88, 122) }
```

Border

The CSS property to change the border of an element to YUV 79.3180, 21.0422, -29.2199 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(46, 88, 122) }
```


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

```
.border{ border-color:rgb(46, 88, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 88, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 88, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 88, 122);  
box-shadow:4px 4px 4px 4px rgb(46, 88,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 79.3180, 21.0422, -29.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 88, 122) }
```

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

```
.background{ background-color: rgb(46, 88,  
122) }
```

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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