

Converting Colors

YUV(95.2290, 29.4671,
-24.7568)

Have a look what the booklet for
YUV(95.2290, 29.4671, -24.7568)
contains.

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Color

**YUV(95.2290, 29.4671,
-24.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	43629B
RGB	67, 98, 155
RGB Percent	26%, 38%, 61%
CMY	0.7373, 0.6157, 0.3922
CMYK	0.57, 0.37, 0.00, 0.39
HSL	219°, 40%, 44%
HSV	219°, 57%, 61%
XYZ	12.5988, 12.2952, 32.7195
YIQ	95.2290, -36.7730, 11.1550

Conversions

Conversions Part 2

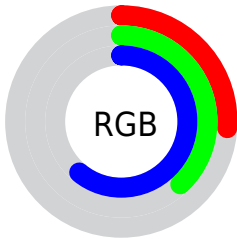
Format	Color
R _{YB}	67, 90, 155
Decimal	4416155
CIE Lab	41.68, 6.31, -34.51
CIE LCh	42, 35.082, 280.362
Yxy	12.2952, 0.2187, 0.2134
Android (android.graphics.Color)	4282606235 (0xFF43629B)
YUV	95.2290, 29.4671, -24.7568
Hunter-Lab	35.0645, 2.7728, -30.7797

Details

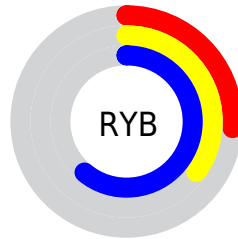
The YUV color **95.2290, 29.4671, -24.7568** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **126.7710, -29.4671, 24.7568**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9950, 31.0615, -22.7976**, and **42.2660, 29.9419, -37.0673** is the 20% darker color. If you saturate the color by 10%, you get **84.8740, 34.5721, -28.8305**, and if you desaturate by 10%, it is **105.8830, 24.2147, -20.0684**.

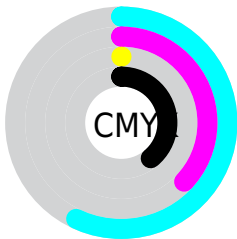
Distribution



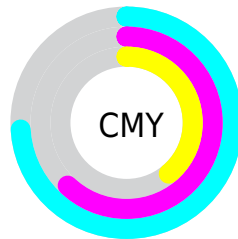
- Red (26%)
- Green (38%)
- Blue (61%)



- Red (26%)
- Yellow (35%)
- Blue (61%)



- Cyan (57%)
- Magenta (37%)
- Yellow (0%)
- Black (39%)



- Cyan (74%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.2290, 29.4671, -24.7568 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 95.2290, 29.4671, -24.7568 by changing the saturation by 10% instead.

■ 95.2290, 29.4671,
-24.7568

■ 95.2290, 29.4671,
-24.7568

■ 255.0000, 0.0000,
0.0000

■ 69.5060, 29.3305,
-27.6308

■ 146.9950, 31.0615,
-22.7976

■ 42.2660, 29.9419,
-37.0673

■ 174.4080, 31.3509,
-22.2828

■ 27.2030, 25.5359,
-23.8570

■ 200.5670, 26.8355,
-20.6683

■ 9.9060, 22.7243,
-8.6876

■ 225.3750, 14.6051,
-17.8689

■ 5.0500, 14.2723,
-4.4289

■ 248.7210, 3.0955,
-12.9103

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 95.2290, 29.4671,
-24.7568

■ 95.2290, 29.4671,
-24.7568

■ 84.8740, 34.5721,
-28.8305

■ 105.8830, 24.2147,
-20.0684

■ 74.2200, 39.8245,
-33.5189

■ 116.2380, 19.1097,
-15.9947

■ 63.8650, 44.9296,
-37.5926

■ 126.8920, 13.8572,
-11.3063

■ 53.2110, 50.1820,
-42.2810

■ 137.2470, 8.7522,
-7.2326

■ 49.9550, 51.7872,
-43.8105

■ 147.9010, 3.4998,
-2.5442

■ 158.2560, -1.6052,
1.5295

■ 168.9100, -6.8576,
6.2179

■ 179.2650,
-11.9626, 10.2916

■ 189.6200,
-17.0677, 14.3653

Harmonies

Analogous

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



80.1370, 35.4285, -70.2801



95.2290, 29.4671, -24.7568



101.3430, 20.0439, 11.1002

Triad

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



95.2290, 29.4671, -24.7568



98.2800, -17.8860, 43.6044



83.3070, -2.6164, -47.6272

Complementary

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



95.2290, 29.4671, -24.7568



126.7710, -29.4671, 24.7568

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.



90.9770, -18.7227, -14.8888



95.2290, 29.4671, -24.7568



96.9010, -26.5732, 29.9048

Square

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



95.2290, 29.4671, -24.7568



99.0320, -4.9458, 46.4529



94.8400, -27.5291, 9.7873



78.6430, 14.4730, -68.9699

Rectangle

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



95.2290, 29.4671, -24.7568



101.5040, 12.5695, 28.4990



94.8400, -27.5291, 9.7873



86.7880, -8.7695, -34.0171

Sweetspot

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



95.2290, 29.4671, -24.7568



177.9200, 11.3784, -9.5768



125.0400, -1.0057, -50.9011



88.3890, 6.7102, -5.6032



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



95.2290, 29.4671, -24.7568



108.3810, 45.6612, -38.9221



80.6200, 36.6693, -1.4207



71.6730, 2.6262, -2.3442



44.7230, 46.9716, -39.2221



3.8300, 4.5208, -3.3589

Inverse Universe

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



96.8460, 0.5689, 51.0011



110.5490, 1.2083, 79.3255



141.3800, -36.6693, 1.4207



71.7340, 0.1311, 4.6183



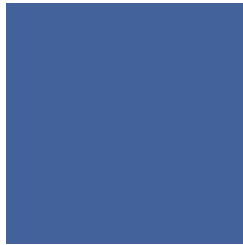
47.4460, 0.7661, 81.1699



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 95.2290, 29.4671, -24.7568 looks on a white background.

Color Contrast Check

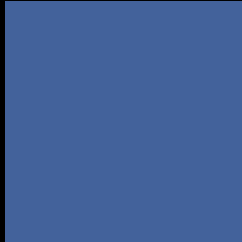
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 95.2290, 29.4671, -24.7568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

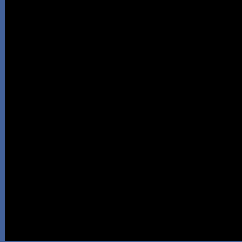
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.2290, 29.4671, -24.7568

Background



This preview shows how black text looks on a background with the YUV color 95.2290, 29.4671, -24.7568.



This preview shows how white text looks on a background with the YUV color 95.2290, 29.4671,

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

95.2290, 29.4671, -24.7568

Protanopia

96.8170, 27.6982, -17.3795

Deuteranopia

95.2290, 29.4671, -24.7568



Tritanopia

90.5810, 12.0386, -34.7125

Trichromacy



Original Color

95.2290, 29.4671, -24.7568

Protanomaly

96.3220, 28.4353, -20.4534

Deuteranomaly

95.2290, 29.4671, -24.7568

Tritanomaly

92.3240, 18.5743, -30.9791

Monochromacy



Original Color

95.2290, 29.4671, -24.7568

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1050, 10.7942, -8.8621

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2290, 29.4671, -24.7568 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(67, 98, 155)` looks like.

```
.text, #text, p{  
    color:rgb(67, 98, 155)  
}
```

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(67, 98, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 98, 155) }
```

Border

The CSS property to change the border of an element to YUV 95.2290, 29.4671, -24.7568 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(67, 98, 155) }
```


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

```
.border{ border-color:rgb(67, 98, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 98, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 98, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 98, 155);  
box-shadow:4px 4px 4px 4px rgb(67, 98,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 95.2290, 29.4671, -24.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 98, 155) }
```

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

```
.background{ background-color: rgb(67, 98,  
155) }
```

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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