

Converting Colors

YUV(95.6920, 27.2668,
-19.0239)

Have a look what the booklet for
YUV(95.6920, 27.2668, -19.0239)
contains.

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Color

**YUV(95.6920, 27.2668,
-19.0239)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6097
RGB	74, 96, 151
RGB Percent	29%, 38%, 59%
CMY	0.7098, 0.6235, 0.4078
CMYK	0.51, 0.36, 0.00, 0.41
HSL	223°, 34%, 44%
HSV	223°, 51%, 59%
XYZ	12.5928, 12.0560, 30.9415
YIQ	95.6920, -30.7670, 12.4410

Conversions

Conversions Part 2

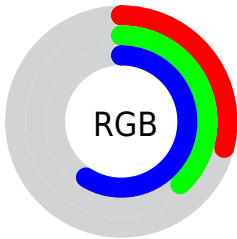
Format	Color
R_{YB}	74, 91, 151
Decimal	4874391
CIE Lab	41.30, 7.89, -32.69
CIE LCh	41, 33.627, 283.575
Yxy	12.0560, 0.2265, 0.2169
Android (android.graphics.Color)	4283064471 (0xFF4A6097)
YUV	95.6920, 27.2668, -19.0239
Hunter-Lab	34.7217, 3.9752, -28.5298

Details

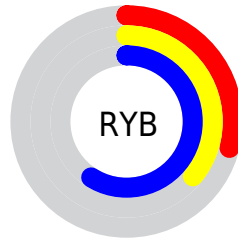
The YUV color **95.6920, 27.2668, -19.0239** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.3080, -27.2668, 19.0239**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1590, 29.0086, -17.6794**, and **45.5340, 26.8517, -25.9013** is the 20% darker color. If you saturate the color by 10%, you get **84.7500, 32.6613, -22.5828**, and if you desaturate by 10%, it is **106.6340, 21.8724, -15.4650**.

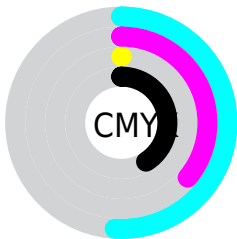
Distribution



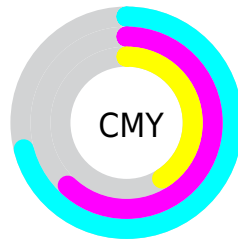
- Red (29%)
- Green (38%)
- Blue (59%)



- Red (29%)
- Yellow (36%)
- Blue (59%)



- Cyan (51%)
- Magenta (36%)
- Yellow (0%)
- Black (41%)



- Cyan (71%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6920, 27.2668, -19.0239 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 95.6920, 27.2668, -19.0239 by changing the saturation by 10% instead.

■ 95.6920, 27.2668,
-19.0239

■ 95.6920, 27.2668,
-19.0239

■ 255.0000, 0.0000,
0.0000

■ 70.5670, 26.8355,
-20.6683

■ 147.1590, 29.0086,
-17.6794

■ 45.5340, 26.8517,
-25.9013

■ 174.2730, 29.4454,
-17.7794

■ 26.1600, 24.0781,
-22.9423

■ 200.8880, 26.6772,
-16.5648

■ 7.8030, 22.2821,
-6.8432

■ 225.9950, 14.2995,
-13.1506

■ 4.7080, 12.9620,
-4.1289

■ 250.2160, 2.3585,
-9.8364

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 95.6920, 27.2668,
-19.0239

■ 95.6920, 27.2668,
-19.0239

■ 84.7500, 32.6613,
-22.5828

■ 106.6340, 21.8724,
-15.4650

■ 73.8080, 38.0557,
-26.1416

■ 117.5760, 16.4780,
-11.9062

■ 63.4530, 43.1607,
-30.2153

■ 127.9310, 11.3730,
-7.8325

■ 52.5110, 48.5551,
-33.7741

■ 138.8730, 5.9786,
-4.2736

■ 42.4550, 53.5127,
-37.2330

■ 150.1140, 0.4368,
-0.1000

■ 161.0560, -4.9576,
3.4589

■ 171.9980,
-10.3520, 7.0178

■ 182.3530,
-15.4570, 11.0914

■ 193.2950,
-20.8514, 14.6503

Harmonies

Analogous

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



78.7350, 35.1336, -69.0506



95.6920, 27.2668, -19.0239



100.3110, 18.5807, 13.7593

Triad

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



95.6920, 27.2668, -19.0239



97.5570, -18.0226, 40.7305



81.5780, -0.2850, -48.7419

Complementary

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



95.6920, 27.2668, -19.0239



129.3080, -27.2668, 19.0239

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.



90.4220, -16.9700, -17.0331



95.6920, 27.2668, -19.0239



96.4060, -25.8362, 26.8309

Square

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



95.6920, 27.2668, -19.0239



98.0920, -5.9614, 45.5233



93.9860, -25.6291, 7.0283



77.5830, 15.4886, -68.0403

Rectangle

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



95.6920, 27.2668, -19.0239



100.3470, 10.6749, 29.5137



93.9860, -25.6291, 7.0283



85.6460, -6.7275, -35.6465

Sweetspot

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



95.6920, 27.2668, -19.0239



175.0020, 10.3520, -7.0178



125.3550, 1.3040, -45.0383



86.8730, 5.9786, -4.2736



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



95.6920, 27.2668, -19.0239



110.5240, 42.1397, -29.4005



87.2630, 31.4223, 1.5233



71.0860, 2.9156, -1.8294



39.4400, 49.5761, -34.5889



3.8300, 4.5208, -3.3589

Inverse Universe

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



99.5310, -1.7408, 45.1383



116.4570, -2.6903, 69.7592



137.7370, -31.4223, -1.5233



71.6200, -0.3057, 4.7183



46.4200, -3.1651, 82.0697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 95.6920, 27.2668, -19.0239 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 95.6920, 27.2668, -19.0239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

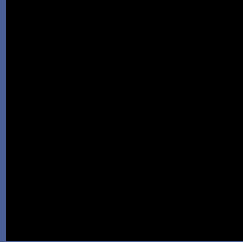
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

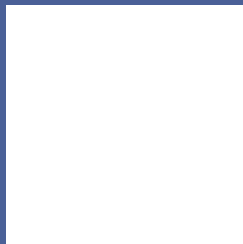
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.6920, 27.2668, -19.0239

Background



This preview shows how black text looks on a background with the YUV color 95.6920, 27.2668, -19.0239.



This preview shows how white text looks on a background with the YUV color 95.6920, 27.2668, -19.0239.

-19.0239.

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

95.6920, 27.2668, -19.0239

Protanopia

95.8880, 26.6772, -16.5648

Deuteranopia

94.7840, 27.7145, -22.6126



Tritanopia

92.0550, 9.8329, -27.2352

Trichromacy



Original Color

95.6920, 27.2668, -19.0239

Protanomaly

95.5890, 26.8246, -17.1796

Deuteranomaly

95.3820, 27.4197, -21.3830

Tritanomaly

93.3850, 16.0792, -24.0166

Monochromacy



Original Color

95.6920, 27.2668, -19.0239

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8880, 9.9152, -6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6920, 27.2668, -19.0239 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(74, 96, 151)` looks like.

```
.text, #text, p{  
    color:rgb(74, 96, 151)  
}
```

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(74, 96, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 96, 151) }
```

Border

The CSS property to change the border of an element to YUV 95.6920, 27.2668, -19.0239 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(74, 96, 151) }
```


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

```
.border{ border-color:rgb(74, 96, 151) }
```

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

Here you see how a box with a 4 pixel rgb(74, 96, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 96, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 96, 151);  
box-shadow:4px 4px 4px 4px rgb(74, 96,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 95.6920, 27.2668, -19.0239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 96, 151) }
```

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

```
.background{ background-color: rgb(74, 96,  
151) }
```

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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