

Converting Colors

YUV(84.4490, 19.0056,
-29.3348)

Have a look what the booklet for
YUV(84.4490, 19.0056, -29.3348)
contains.

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Color

**YUV(84.4490, 19.0056,
-29.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	335E7B
RGB	51, 94, 123
RGB Percent	20%, 37%, 48%
CMY	0.8000, 0.6314, 0.5176
CMYK	0.59, 0.24, 0.00, 0.52
HSL	204°, 41%, 34%
HSV	204°, 59%, 48%
XYZ	8.9431, 10.1393, 20.2246
YIQ	84.4490, -34.9370, -0.0970

Conversions

Conversions Part 2

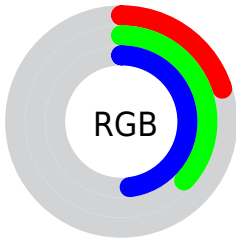
Format	Color
RYB	51, 78, 123
Decimal	3366523
CIELab	38.09, -5.74, -20.85
CIElCh	38, 21.627, 254.619
Yxy	10.1393, 0.2275, 0.2580
Android (android.graphics.Color)	4281556603 (0xFF335E7B)
YUV	84.4490, 19.0056, -29.3348
Hunter-Lab	31.8422, -5.5910, -15.3685

Details

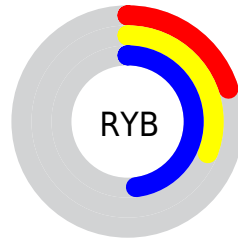
The YUV color **84.4490, 19.0056, -29.3348** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **89.5510, -19.0056, 29.3348**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3890, 20.0212, -28.4052**, and **36.6120, 18.4323, -32.1087** is the 20% darker color. If you saturate the color by 10%, you get **77.9260, 22.2215, -34.1381**, and if you desaturate by 10%, it is **90.9720, 15.7898, -24.5314**.

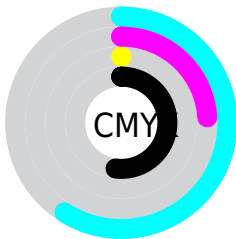
Distribution



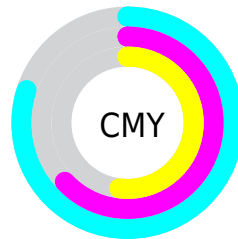
- Red (20%)
- Green (37%)
- Blue (48%)



- Red (20%)
- Yellow (31%)
- Blue (48%)



- Cyan (59%)
- Magenta (24%)
- Yellow (0%)
- Black (52%)



- Cyan (80%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.4490, 19.0056, -29.3348 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 84.4490, 19.0056, -29.3348 by changing the saturation by 10% instead.

■ 84.4490, 19.0056,
-29.3348

■ 84.4490, 19.0056,
-29.3348

■ 255.0000, 0.0000,
0.0000

■ 58.8400, 19.3059,
-32.3087

■ 135.3890, 20.0212,
-28.4052

■ 36.6120, 18.4323,
-32.1087

■ 162.3890, 20.0212,
-28.4052

■ 21.6630, 14.4631,
-18.9985

■ 189.5030, 20.4580,
-28.5051

■ 4.5940, 12.5252,
-4.0289

■ 217.0470, 18.7108,
-28.1052

■ 0.1140, 0.4368,
-0.1000

■ 242.4420, 6.1911,
-25.8206

■ 0.0000, 0.0000,
0.0000

■ 251.1130, 1.9163,

-7.9921

■ 84.4490, 19.0056,
-29.3348

■ 84.4490, 19.0056,
-29.3348

■ 77.9260, 22.2215,
-34.1381

■ 90.9720, 15.7898,
-24.5314

■ 71.1040, 25.5847,
-39.5562

■ 97.7940, 12.4266,
-19.1133

■ 64.5810, 28.8006,
-44.3595

■ 104.3170, 9.2107,
-14.3100

■ 58.0580, 32.0164,
-49.1629

■ 110.8400, 5.9949,
-9.5067

■ 56.8730, 32.6006,
-49.8776

■ 117.6620, 2.6316,
-4.0886

■ 124.1850, -0.5842,
0.7148

■ 130.7080, -3.8000,
5.5181

■ 137.2310, -7.0159,
10.3214

■ 144.0530,
-10.3791, 15.7395

Harmonies

Analogous

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



79.1930, 17.1599, -44.0193



84.4490, 19.0056, -29.3348



89.2990, 16.6146, -9.0322

Triad

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



84.4490, 19.0056, -29.3348



91.0360, -4.4547, 28.9094



85.4750, -10.5872, -10.9406

Complementary

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



84.4490, 19.0056, -29.3348



89.5510, -19.0056, 29.3348

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.



87.4940, -16.0195, 4.8288



84.4490, 19.0056, -29.3348



90.6630, -12.1589, 26.6055

Square

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



84.4490, 19.0056, -29.3348



91.7670, 3.5659, 23.0063



88.8700, -16.2049, 17.6540



82.7810, -1.3710, -26.9949

Rectangle

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



84.4490, 19.0056, -29.3348



91.1650, 13.2297, 3.3633



88.8700, -16.2049, 17.6540



86.5250, -13.0768, -5.7224

Sweetspot

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



84.4490, 19.0056, -29.3348



145.2850, 7.7475, -11.6509



96.5700, -8.1690, -39.9649



71.9220, 4.9685, -6.9476



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



84.4490, 19.0056, -29.3348



100.2110, 29.9690, -45.7890



63.3170, 29.4237, -10.8020



58.0320, 1.4632, -2.6591



58.2750, 32.8954, -51.1072



117.3650, 66.3751, -102.9291

Inverse Universe

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



77.4300, 8.1690, 39.9649



89.4250, 12.6085, 62.7713



110.6830, -29.4237, 10.8020



57.2500, 0.8628, 3.2887



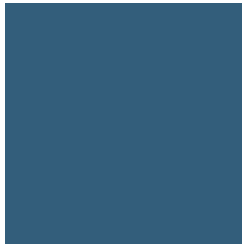
45.9250, 14.3340, 69.3488



92.5620, 28.8099, 139.8271

Previews

White Background



This preview shows how the YUV color 84.4490, 19.0056, -29.3348 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 84.4490, 19.0056, -29.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

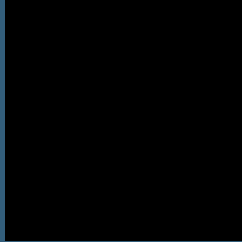
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.4490, 19.0056, -29.3348

Background



This preview shows how black text looks on a background with the YUV color 84.4490, 19.0056, -29.3348.



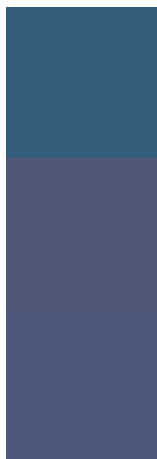
This preview shows how white text looks on a background with the YUV color 84.4490, 19.0056,

-29.3348.

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

84.4490, 19.0056, -29.3348

Protanopia

89.4410, 14.5726, -7.4028

Deuteranopia

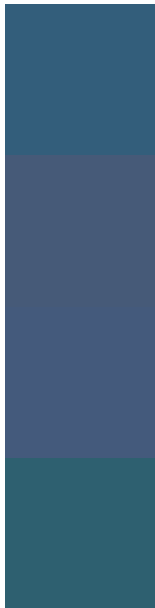
89.1140, 17.1988, -9.7470



Tritanopia

81.7660, 11.4544, -33.9978

Trichromacy



Original Color

84.4490, 19.0056, -29.3348

Protanomaly

87.4400, 16.0521, -15.2949

Deuteranomaly

87.2980, 18.0941, -16.9243

Tritanomaly

82.8740, 14.3591, -32.3385

Monochromacy



Original Color

84.4490, 19.0056, -29.3348

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.3560, 6.7265, -10.8362

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.4490, 19.0056, -29.3348 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(51, 94, 123)` looks like.

```
.text, #text, p{  
    color:rgb(51, 94, 123)  
}
```

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(51, 94, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 94, 123) }
```

Border

The CSS property to change the border of an element to YUV 84.4490, 19.0056, -29.3348 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(51, 94, 123) }
```


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

```
.border{ border-color:rgb(51, 94, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 94, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 94, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 94, 123);  
box-shadow:4px 4px 4px 4px rgb(51, 94,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 84.4490, 19.0056, -29.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 94, 123) }
```

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

```
.background{ background-color: rgb(51, 94,  
123) }
```

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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