

Converting Colors

YUV(89.8330, 9.9423, -15.6395)

Have a look what the booklet for
YUV(89.8330, 9.9423, -15.6395)
contains.

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Color

**YUV(89.8330, 9.9423,
-15.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	485F6E
RGB	72, 95, 110
RGB Percent	28%, 37%, 43%
CMY	0.7176, 0.6275, 0.5686
CMYK	0.35, 0.14, 0.00, 0.57
HSL	204°, 21%, 36%
HSV	204°, 35%, 43%
XYZ	9.5792, 10.6879, 16.3100
YIQ	89.8330, -18.5230, -0.2110

Conversions

Conversions Part 2

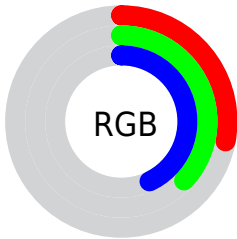
Format	Color
R_{YB}	72, 86, 110
Decimal	4743022
CIE _{Lab}	39.05, -4.60, -11.30
CIE _{LCh}	39, 12.204, 247.858
Yxy	10.6879, 0.2619, 0.2922
Android (android.graphics.Color)	4282933102 (0xFF485F6E)
YUV	89.8330, 9.9423, -15.6395
Hunter-Lab	32.6924, -4.9096, -6.6946

Details

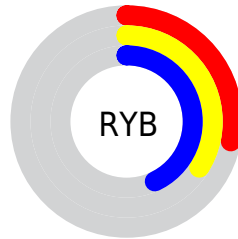
The YUV color **89.8330, 9.9423, -15.6395** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.1670, -9.9423, 15.6395**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0610, 10.8159, -15.8395**, and **43.3060, 9.2161, -16.0544** is the 20% darker color. If you saturate the color by 10%, you get **84.1960, 12.7214, -20.3429**, and if you desaturate by 10%, it is **95.4700, 7.1633, -10.9362**.

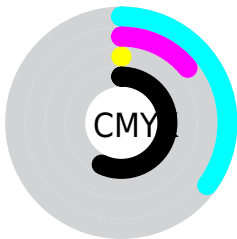
Distribution



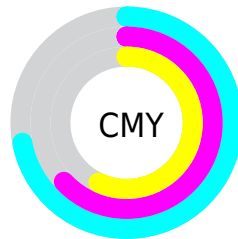
- Red (28%)
- Green (37%)
- Blue (43%)



- Red (28%)
- Yellow (34%)
- Blue (43%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (57%)



- Cyan (72%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8330, 9.9423, -15.6395 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 89.8330, 9.9423, -15.6395 by changing the saturation by 10% instead.

■ 89.8330, 9.9423,
-15.6395

■ 89.8330, 9.9423,
-15.6395

■ 255.0000, 0.0000,
0.0000

■ 65.8330, 9.9423,
-15.6395

■ 140.0610, 10.8159,
-15.8395

■ 43.3060, 9.2161,
-16.0544

■ 166.7620, 10.9633,
-16.4543

■ 21.8930, 8.9268,
-16.5692

■ 193.7620, 10.9633,
-16.4543

■ 2.8670, 8.4466,
-2.5144

■ 221.5770, 11.5475,
-17.1690

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,
-14.7546

■ 89.8330, 9.9423,
-15.6395

■ 89.8330, 9.9423,
-15.6395

■ 84.1960, 12.7214,
-20.3429

■ 95.4700, 7.1633,
-10.9362

■ 77.9720, 15.7898,
-24.5314

■ 101.6940, 4.0949,
-6.7476

■ 72.3350, 18.5688,
-29.2348

■ 107.3310, 1.3158,
-2.0443

■ 66.6980, 21.3479,
-33.9381

■ 112.9680, -1.4632,
2.6591

■ 60.4740, 24.4163,
-38.1267

■ 119.1920, -4.5317,
6.8476

■ 54.8370, 27.1954,
-42.8300

■ 124.8290, -7.3107,
11.5510

■ 51.8690, 28.6586,
-45.4891

■ 130.4660,
-10.0897, 16.2543

■ 136.6900,

-13.1582, 20.4429

 142.3270,
-15.9372, 25.1462

Harmonies

Analogous

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



88.2300, 7.7746, -20.3727



89.8330, 9.9423, -15.6395



91.7740, 9.4784, -6.8178

Triad

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



89.8330, 9.9423, -15.6395



93.6430, -1.7960, 16.0991



90.1430, -6.9725, -3.6334

Complementary

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



89.8330, 9.9423, -15.6395



92.1670, -9.9423, 15.6395

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.



91.2150, -9.4730, 5.0734



89.8330, 9.9423, -15.6395



93.0900, -6.4534, 16.5841

Square

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



89.8330, 9.9423, -15.6395



93.8750, 3.0196, 11.5106



92.3730, -9.0579, 11.9509



88.9400, -2.4354, -12.2254

Rectangle

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



89.8330, 9.9423, -15.6395



93.0630, 7.8569, -0.0553



92.3730, -9.0579, 11.9509



90.5240, -8.1463, -0.4595

Sweetspot

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



89.8330, 9.9423, -15.6395



135.2920, 3.8000, -5.5181



96.0160, -4.4449, -21.0620



66.8470, 2.0474, -3.3738



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



89.8330, 9.9423, -15.6395



111.8580, 15.3530, -24.4315



78.6800, 15.4408, -5.8584



53.0320, 1.4632, -2.6591



56.5310, 31.2902, -49.5777



116.2080, 64.4805, -101.9144

Inverse Universe

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



85.9840, 4.4449, 21.0620



105.7450, 7.0277, 32.6726



103.3200, -15.4408, 5.8584



52.2500, 0.8628, 3.2888



44.2020, 14.1974, 66.4748



90.9530, 29.1102, 136.8532

Previews

White Background



This preview shows how the YUV color 89.8330, 9.9423, -15.6395 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 89.8330, 9.9423, -15.6395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

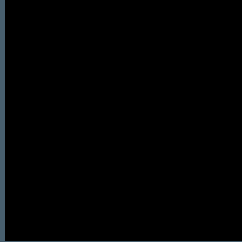
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 89.8330, 9.9423, -15.6395

Background



This preview shows how black text looks on a background with the YUV color 89.8330, 9.9423, -15.6395.



This preview shows how white text looks on a background with the YUV color 89.8330, 9.9423, -15.6395.

-15.6395.

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

89.8330, 9.9423, -15.6395

Protanopia

92.2260, 7.2836, -2.8292

Deuteranopia

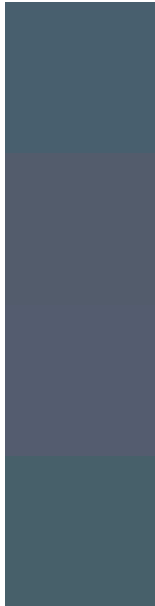
92.6930, 9.0254, -1.4848



Tritanopia

89.1380, 7.3270, -16.7840

Trichromacy



Original Color

89.8330, 9.9423, -15.6395

Protanomaly

91.1330, 8.3154, -7.1326

Deuteranomaly

91.7740, 9.4784, -6.8178

Tritanomaly

89.6650, 8.0532, -16.3692

Monochromacy



Original Color

89.8330, 9.9423, -15.6395

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8790, 3.5107, -6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8330, 9.9423, -15.6395 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(72, 95, 110)` looks like.

```
.text, #text, p{  
    color:rgb(72, 95, 110)  
}
```

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(72, 95, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 95, 110) }
```

Border

The CSS property to change the border of an element to YUV 89.8330, 9.9423, -15.6395 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(72, 95, 110) }
```


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

```
.border{ border-color:rgb(72, 95, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 95, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 95, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 95, 110);  
box-shadow:4px 4px 4px 4px rgb(72, 95,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 89.8330, 9.9423, -15.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 95, 110) }
```

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

```
.background{ background-color: rgb(72, 95,  
110) }
```

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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