

Converting Colors

YUV(95.0070, 16.2655, 9.6409)

Have a look what the booklet for
YUV(95.0070, 16.2655, 9.6409)
contains.

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Color

**YUV(95.0070, 16.2655,
9.6409)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5380
RGB	106, 83, 128
RGB Percent	42%, 33%, 50%
CMY	0.5843, 0.6745, 0.4980
CMYK	0.17, 0.35, 0.00, 0.50
HSL	271°, 21%, 41%
HSV	271°, 35%, 50%
XYZ	12.9334, 10.8092, 21.8268
YIQ	95.0070, -0.7370, 18.8710

Conversions

Conversions Part 2

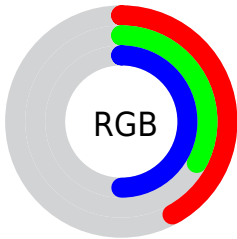
Format	Color
R _Y B	106, 83, 128
Decimal	6968192
CIE Lab	39.26, 19.00, -21.78
CIE LCh	39, 28.900, 311.096
Yxy	10.8092, 0.2838, 0.2372
Android (android.graphics.Color)	4285158272 (0xFF6A5380)
YUV	95.0070, 16.2655, 9.6409
Hunter-Lab	32.8773, 12.6836, -16.3476

Details

The YUV color **95.0070, 16.2655, 9.6409** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **115.9930, -16.2655, -9.6409**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9470, 17.2811, 10.5705**, and **48.6540, 14.9606, 8.1964** is the 20% darker color. If you saturate the color by 10%, you get **85.5820, 20.9121, 12.6446**, and if you desaturate by 10%, it is **104.4320, 11.6190, 6.6371**.

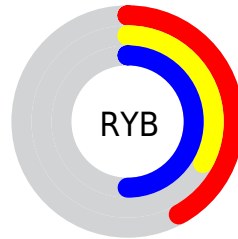
Distribution



Red (42%)

Green (33%)

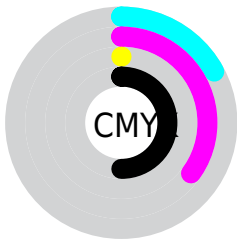
Blue (50%)



Red (42%)

Yellow (33%)

Blue (50%)

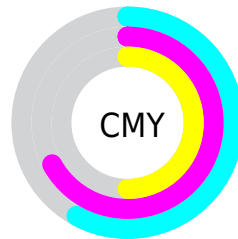


Cyan (17%)

Magenta (35%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (67%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0070, 16.2655, 9.6409 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 95.0070, 16.2655, 9.6409 by changing the saturation by 10% instead.

■ 95.0070, 16.2655,
9.6409

■ 95.0070, 16.2655,
9.6409

■ 255.0000, 0.0000,
0.0000

■ 71.1810, 15.6868,
8.6113

■ 145.9470, 17.2811,
10.5705

■ 48.6540, 14.9606,
8.1964

■ 172.4740, 18.0073,
10.9853

■ 26.8280, 14.3818,
7.1668

■ 199.8870, 18.2967,
11.5001

■ 8.3610, 12.6400,
5.8224

■ 227.0460, 13.7813,
13.1147

■ 0.9120, 3.4944,
-0.7998

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

95.0070, 16.2655,
9.6409

95.0070, 16.2655,
9.6409

85.5820, 20.9121,
12.6446

104.4320, 11.6190,
6.6371

75.8580, 25.7060,
15.0335

114.1560, 6.8251,
4.2482

67.0200, 30.0631,
17.5225

122.9940, 2.4680,
1.7593

57.5950, 34.7097,
20.5262

132.4190, -2.1786,
-1.2445

48.1700, 39.3562,
23.5299

141.8440, -6.8251,
-4.2482

38.4460, 44.1501,
25.9189


151.5680,
-11.6190, -6.6371

34.0270, 46.3287,
27.1633

160.9930,
-16.2655, -9.6409

169.8310,

-20.6227, -12.1298

 179.2560,
-25.2692, -15.1335

Harmonies

Analogous

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



90.9650, 23.1883, -17.5093



95.0070, 16.2655, 9.6409



95.1960, 6.3124, 28.7691

Triad

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



95.0070, 16.2655, 9.6409



91.8340, -21.6102, 24.7016



73.1490, 13.7305, -64.1517

Complementary

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



95.0070, 16.2655, 9.6409



115.9930, -16.2655, -9.6409

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.



81.9710, -2.9437, -35.9316



95.0070, 16.2655, 9.6409



89.9090, -22.1401, 7.9728

Square

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



95.0070, 16.2655, 9.6409



93.0340, -14.8068, 35.9272



86.9110, -15.2391, -12.1999



74.4830, 23.9189, -65.3216

Rectangle

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



95.0070, 16.2655, 9.6409



94.1170, -0.5507, 36.7314



86.9110, -15.2391, -12.1999



72.2370, 10.2362, -63.3518

Sweetspot

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



95.0070, 16.2655, 9.6409



152.7430, 6.5357, 3.7334



101.6310, 12.9999, -16.3394



76.0480, 3.9203, 2.5889



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



95.0070, 16.2655, 9.6409



114.7440, 25.2692, 15.1335



101.5850, 13.0226, 23.1660



58.9940, 2.4680, 1.7593



34.0270, 46.3287, 27.1633



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.9630, 2.9762, 25.4654



120.8060, 4.5326, 39.6351



109.4150, -13.0226, -23.1660



59.4350, 0.2785, 4.0035



45.3400, 8.2134, 72.4928



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.0070, 16.2655, 9.6409 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 95.0070, 16.2655, 9.6409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

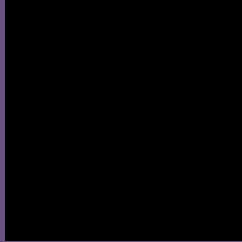
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.0070, 16.2655, 9.6409

Background



This preview shows how black text looks on a background with the YUV color 95.0070, 16.2655, 9.6409.



This preview shows how white text looks on a background with the YUV color 95.0070, 16.2655,

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

95.0070, 16.2655, 9.6409

Protanopia

92.4280, 20.9880, -11.7764

Deuteranopia

92.2990, 16.6146, -9.0322



Tritanopia

93.3860, 1.2887, 6.6775

Trichromacy



Original Color

95.0070, 16.2655, 9.6409

Protanomaly

93.3150, 19.0717, -3.7843

Deuteranomaly

93.3430, 16.5929, -2.0548

Tritanomaly

94.1780, 6.8142, 7.7369

Monochromacy



Original Color

95.0070, 16.2655, 9.6409

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.2160, 5.8095, 3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0070, 16.2655, 9.6409 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(106, 83, 128)` looks like.

```
.text, #text, p{  
    color:rgb(106, 83, 128)  
}
```

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(106, 83, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 83, 128) }
```

Border

The CSS property to change the border of an element to YUV 95.0070, 16.2655, 9.6409 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(106, 83, 128) }
```


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

```
.border{ border-color:rgb(106, 83, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 83, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 83, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 83, 128);  
box-shadow:4px 4px 4px 4px rgb(106, 83,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 95.0070, 16.2655, 9.6409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 83, 128) }
```

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

```
.background{ background-color: rgb(106, 83,  
128) }
```

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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