

# Converting Colors

YUV(96.5710, 20.9175, 10.9002)

Have a look what the booklet for  
YUV(96.5710, 20.9175, 10.9002)  
contains.

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# Color

**YUV(96.5710, 20.9175,  
10.9002)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D528B
RGB	109, 82, 139
RGB Percent	43%, 32%, 55%
CMY	0.5725, 0.6784, 0.4549
CMYK	0.22, 0.41, 0.00, 0.45
HSL	268°, 26%, 43%
HSV	268°, 41%, 55%
XYZ	13.9842, 11.1499, 25.8412
YIQ	96.5710, -2.2050, 23.4510

# Conversions

## Conversions Part 2

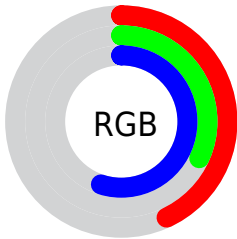
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 82, 139
Decimal	7164555
CIELab	39.83, 23.30, -27.56
CIELCh	40, 36.096, 310.213
Yxy	11.1499, 0.2743, 0.2187
Android (android.graphics.Color)	4285354635 (0xFF6D528B)
YUV	96.5710, 20.9175, 10.9002
Hunter-Lab	33.3914, 16.3199, -22.5098

# Details

The YUV color **96.5710, 20.9175, 10.9002** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **124.4290, -20.9175, -10.9002**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9240, 22.2225, 12.3447**, and **49.2180, 19.6125, 9.4558** is the 20% darker color. If you saturate the color by 10%, you get **86.2600, 26.0008, 13.8040**, and if you desaturate by 10%, it is **106.8820, 15.8342, 7.9965**.

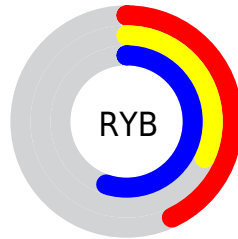
# Distribution



Red (43%)

Green (32%)

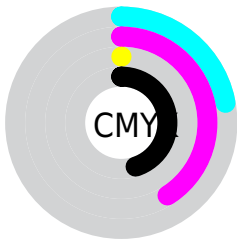
Blue (55%)



Red (43%)

Yellow (32%)

Blue (55%)

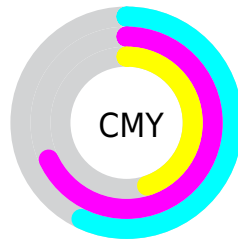


Cyan (22%)

Magenta (41%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (68%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.5710, 20.9175, 10.9002 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 96.5710, 20.9175, 10.9002 by changing the saturation by 10% instead.



■ 96.5710, 20.9175,  
10.9002

■ 96.5710, 20.9175,  
10.9002

■ 255.0000, 0.0000,  
0.0000

■ 72.6310, 19.9019,  
9.9706

■ 147.9240, 22.2225,  
12.3447

■ 49.2180, 19.6125,  
9.4558

■ 174.4510, 22.9487,  
12.7595

■ 26.9790, 18.7444,  
7.9114

■ 201.8640, 23.2380,  
13.2743

■ 10.5830, 15.9816,  
7.3817

■ 227.6550, 13.4811,  
16.0886

■ 2.9810, 8.8834,  
-2.6143

■ 246.7820, 4.0515,  
7.2072

■ 0.0000, 0.0000,  
0.0000

96.5710, 20.9175,  
10.9002

96.5710, 20.9175,  
10.9002

86.2600, 26.0008,  
13.8040

106.8820, 15.8342,  
7.9965

75.6500, 31.2316,  
16.0930

117.4920, 10.6034,  
5.7075

65.3390, 36.3149,  
18.9967

127.8030, 5.5201,  
2.8038

55.0280, 41.3982,  
21.9004

138.1140, 0.4368,  
-0.1000

45.0050, 46.3395,  
23.6746

148.7240, -4.7939,  
-2.3889


35.5800, 50.9861,  
26.6783

158.4480, -9.5879,  
-4.7779

168.7590,  
-14.6712, -7.6816

179.3690,

-19.9019, -9.9706

 189.6800,  
-24.9852, -12.8744

# Harmonies

## Analogous

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



90.4460, 30.3461, -26.7011



96.5710, 20.9175, 10.9002



95.9350, 8.9060, 36.8910

# Triad

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



96.5710, 20.9175, 10.9002



92.0860, -27.1574, 30.6196



75.7250, 13.4466, -66.4108

# Complementary

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



96.5710, 20.9175, 10.9002



124.4290, -20.9175, -10.9002

# 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.



76.5130, -1.7319, -51.3159



96.5710, 20.9175, 10.9002



90.3130, -28.2553, 9.3725

# Square

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



96.5710, 20.9175, 10.9002



92.9920, -17.7441, 44.7340



86.4500, -19.4489, -15.3037



77.7430, 26.2557, -68.1806



# Rectangle

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



96.5710, 20.9175, 10.9002



94.6990, 0.1484, 45.8680



86.4500, -19.4489, -15.3037



73.9980, 9.3680, -64.8962

# Sweetspot

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



96.5710, 20.9175, 10.9002



164.7970, 7.9881, 4.5630



106.1080, 16.2158, -21.1427



82.2760, 4.7939, 2.3889



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



96.5710, 20.9175, 10.9002



114.7040, 32.6839, 16.9226



104.9430, 16.7901, 28.1140



63.6950, 2.6154, 1.1445



33.9990, 48.8075, 25.4339



1.1680, 1.8892, 0.7297



# Inverse Universe

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



102.4630, 4.7017, 32.0429



123.9690, 7.4103, 50.0162



116.0570, -16.7901, -28.1140



64.5490, 0.7153, 3.9035



47.7470, 10.9707, 74.7669

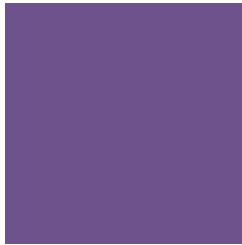


1.8370, 0.5734, 2.7740



# Previews

## White Background



This preview shows how the YUV color 96.5710, 20.9175, 10.9002 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 96.5710, 20.9175, 10.9002 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

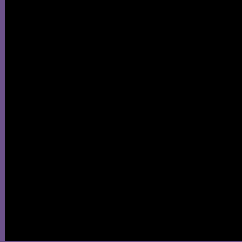
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.5710, 20.9175, 10.9002

## Background



This preview shows how black text looks on a background with the YUV color 96.5710, 20.9175, 10.9002.



This preview shows how white text looks on a background with the YUV color 96.5710, 20.9175,



# 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

96.5710, 20.9175, 10.9002

### Protanopia

92.7030, 27.2614, -17.2795

### Deuteranopia

93.2320, 21.5776, -14.2355



## Tritanopia

95.0870, 1.4361, 6.0627

# Trichromacy



## Original Color

96.5710, 20.9175, 10.9002

## Protanomaly

93.9000, 25.1923, -6.9283

## Deuteranomaly

94.5860, 21.4031, -4.8989

## Tritanomaly

95.9330, 8.4140, 7.9518

# Monochromacy



## Original Color

96.5710, 20.9175, 10.9002

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

96.9710, 7.4093, 3.5334

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.5710, 20.9175, 10.9002 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(109, 82, 139)` looks like.

```
.text, #text, p{  
    color:rgb(109, 82, 139)  
}
```

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(109, 82, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 82, 139) }
```

## Border

The CSS property to change the border of an element to YUV 96.5710, 20.9175, 10.9002 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(109, 82, 139) }
```



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

```
.border{ border-color:rgb(109, 82, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 82, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 82, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 82, 139);  
box-shadow:4px 4px 4px 4px rgb(109, 82,  
139) }
```

# Background

The CSS property to change the background color of an element to YUV 96.5710, 20.9175, 10.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 82, 139) }
```

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

```
.background{ background-color: rgb(109, 82,  
139) }
```

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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