

# Converting Colors

YUV(97.4150, 20.9944, 32.9620)

Have a look what the booklet for  
YUV(97.4150, 20.9944, 32.9620)  
contains.

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# Color

**YUV(97.4150, 20.9944,  
32.9620)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87468C
RGB	135, 70, 140
RGB Percent	53%, 27%, 55%
CMY	0.4706, 0.7255, 0.4510
CMYK	0.04, 0.50, 0.00, 0.45
HSL	296°, 33%, 41%
HSV	296°, 50%, 55%
XYZ	16.9155, 11.4247, 26.1246
YIQ	97.4150, 16.2700, 35.5500

# Conversions

## Conversions Part 2

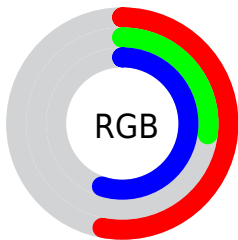
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 70, 140
Decimal	8865420
CIE Lab	40.29, 38.63, -27.23
CIE LCh	40, 47.264, 324.819
Yxy	11.4247, 0.3106, 0.2098
Android (android.graphics.Color)	4287055500 (0xFF87468C)
YUV	97.4150, 20.9944, 32.9620
Hunter-Lab	33.8004, 30.1799, -22.1654

# Details

The YUV color **97.4150, 20.9944, 32.9620** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **112.5850, -20.9944, -32.9620**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9530, 21.7152, 35.1212**, and **46.7030, 20.8524, 31.8325** is the 20% darker color. If you saturate the color by 10%, you get **88.8980, 25.1933, 39.5545**, and if you desaturate by 10%, it is **105.9320, 16.7955, 26.3696**.

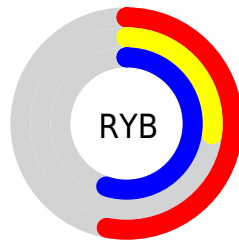
# Distribution



Red (53%)

Green (27%)

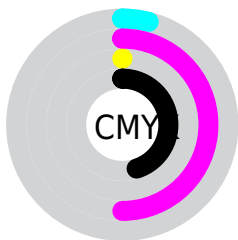
Blue (55%)



Red (53%)

Yellow (27%)

Blue (55%)

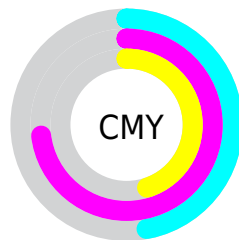


Cyan (4%)

Magenta (50%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (73%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 97.4150, 20.9944, 32.9620 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 97.4150, 20.9944, 32.9620 by changing the saturation by 10% instead.





 97.4150, 20.9944,  
32.9620

 97.4150, 20.9944,  
32.9620

255.0000, 0.0000,  
0.0000


 72.0020, 20.7050,  
32.4472


 149.9530, 21.7152,  
35.1212


 46.7030, 20.8524,  
31.8325


 176.7790, 22.2940,  
36.1508


 24.8660, 20.2791,  
29.0585

 204.6050, 22.8727,  
37.1804

 16.3780, 13.6176,  
18.9625

 223.8890, 15.3377,  
27.2843

 2.9810, 8.8834,  
-2.6143

 240.9120, 6.9454,  
12.3552

 0.0000, 0.0000,  
0.0000

97.4150, 20.9944,  
32.9620

97.4150, 20.9944,  
32.9620

88.8980, 25.1933,  
39.5545

105.9320, 16.7955,  
26.3696

80.3810, 29.3922,  
46.1469

114.4490, 12.5966,  
19.7772

71.8640, 33.5910,  
52.7393

122.9660, 8.3978,  
13.1848

63.3470, 37.7899,  
59.3317

131.4830, 4.1989,  
6.5924

54.8300, 41.9888,  
65.9241


140.0000, 0.0000,  
0.0000

148.5170, -4.1989,  
-6.5924

157.0340, -8.3978,  
-13.1848

165.5510,

-12.5966, -19.7772

 174.0680,  
-16.7955, -26.3696

# Harmonies

## Analogous

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



94.9840, 34.5179, -11.3870



97.4150, 20.9944, 32.9620



93.0410, 4.9098, 58.7230

# Triad

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



97.4150, 20.9944, 32.9620



89.6390, -42.7130, 26.6266



80.6950, 22.3354, -70.7695

# Complementary

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



97.4150, 20.9944, 32.9620



112.5850, -20.9944, -32.9620

# 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.



76.2490, 5.3002, -66.8704



97.4150, 20.9944, 32.9620



86.2870, -35.6375, -2.8827

# Square

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



97.4150, 20.9944, 32.9620



91.8110, -29.9798, 49.2778



77.2290, -14.4099, -44.9278



82.5820, 37.1811, -72.4244



# Rectangle

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



97.4150, 20.9944, 32.9620



91.2730, -7.0366, 63.7816



77.2290, -14.4099, -44.9278



79.3270, 17.0938, -69.5698

# Sweetspot

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



97.4150, 20.9944, 32.9620



164.5530, 8.1084, 12.6700



81.5020, 28.8395, -10.0873



81.7220, 5.0671, 8.1368



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.



97.4150, 20.9944, 32.9620



114.6250, 32.7229, 51.1949



95.6040, 7.5902, 38.9353



64.5920, 2.1731, 2.9888



51.9390, 39.9631, 62.3205



2.0650, 1.4470, 2.5740



# Inverse Universe

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



91.5000, -8.1345, 42.5345



105.5030, -12.5730, 66.2109



114.3960, -7.5902, -38.9353



64.0930, -1.0318, 4.3034



40.7930, -15.6739, 80.8655

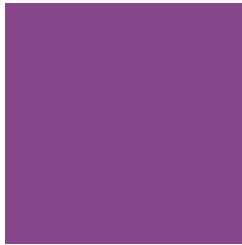


1.4950, -0.7370, 3.0739



# Previews

## White Background



This preview shows how the YUV color 97.4150, 20.9944, 32.9620 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 97.4150, 20.9944, 32.9620 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 97.4150, 20.9944, 32.9620

## Background



This preview shows how black text looks on a background with the YUV color 97.4150, 20.9944, 32.9620.



This preview shows how white text looks on a background with the YUV color 97.4150, 20.9944,



# 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

97.4150, 20.9944, 32.9620

### Protanopia

93.1630, 32.9506, -22.0680

### Deuteranopia

95.4880, 19.9724, -12.7060



## Tritanopia

96.5520, -3.7231, 27.5799

# Trichromacy



## Original Color

97.4150, 20.9944, 32.9620

## Protanomaly

94.8450, 28.6704, -2.4951

## Deuteranomaly

96.2990, 20.0656, 4.1228

## Tritanomaly

97.2670, 5.2914, 29.5838

# Monochromacy



## Original Color

97.4150, 20.9944, 32.9620

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

97.1400, 7.8190, 12.1552

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.4150, 20.9944, 32.9620 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(135, 70, 140)` looks like.

```
.text, #text, p{  
    color:rgb(135, 70, 140)  
}
```

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(135, 70, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 70, 140) }
```

## Border

The CSS property to change the border of an element to YUV 97.4150, 20.9944, 32.9620 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(135, 70, 140) }
```



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

```
.border{ border-color:rgb(135, 70, 140) }
```

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

Here you see how a box with a 4 pixel rgb(135, 70, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 70, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 70, 140);  
box-shadow:4px 4px 4px 4px rgb(135, 70,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 97.4150, 20.9944, 32.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 70, 140) }
```

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

```
.background{ background-color: rgb(135, 70,  
140) }
```

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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