

Converting Colors

YUV(90.8510, 16.3425, 31.7027)

Have a look what the booklet for
YUV(90.8510, 16.3425, 31.7027)
contains.

YUV(90.8510, 16.3425, 31.7027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.8510, 16.3425,
31.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	7F427C
RGB	127, 66, 124
RGB Percent	50%, 26%, 49%
CMY	0.5020, 0.7412, 0.5137
CMYK	0.00, 0.48, 0.02, 0.50
HSL	303°, 32%, 38%
HSV	303°, 48%, 50%
XYZ	14.3387, 9.8637, 20.2169
YIQ	90.8510, 17.7380, 30.9700

Conversions

Conversions Part 2

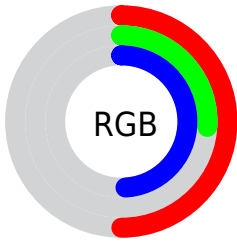
Format	Color
RYB	127, 66, 124
Decimal	8340092
CIELab	37.60, 35.15, -21.69
CIElCh	38, 41.305, 328.322
Yxy	9.8637, 0.3228, 0.2221
Android (android.graphics.Color)	4286530172 (0xFF7F427C)
YUV	90.8510, 16.3425, 31.7027
Hunter-Lab	31.4065, 26.5331, -16.1815

Details

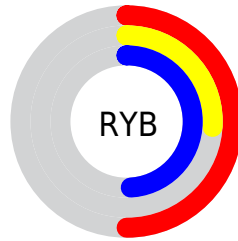
The YUV color **90.8510, 16.3425, 31.7027** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **102.1490, -16.3425, -31.7027**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3890, 17.0632, 33.8618**, and **41.2530, 16.6373, 30.4731** is the 20% darker color. If you saturate the color by 10%, you get **83.1060, 19.6677, 38.4950**, and if you desaturate by 10%, it is **98.5960, 13.0172, 24.9103**.

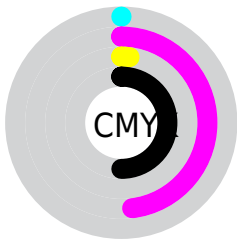
Distribution



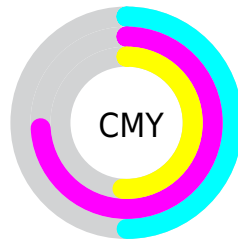
- Red (50%)
- Green (26%)
- Blue (49%)



- Red (50%)
- Yellow (26%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (74%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8510, 16.3425, 31.7027 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 90.8510, 16.3425, 31.7027 by changing the saturation by 10% instead.

90.8510, 16.3425,
31.7027

90.8510, 16.3425,
31.7027

255.0000, 0.0000,
0.0000

66.1390, 16.2005,
30.5731

142.3890, 17.0632,
33.8618

41.2530, 16.6373,
30.4731

169.1010, 17.2052,
34.9914

21.4760, 15.0483,
26.7695

196.9270, 17.7840,
36.0210

12.8030, 8.9711,
15.9588

220.9540, 16.7847,
29.8583

0.1140, 0.4368,
-0.1000

237.3900, 8.6817,
15.4440

0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 90.8510, 16.3425,
31.7027

■ 90.8510, 16.3425,
31.7027

■ 83.1060, 19.6677,
38.4950

■ 98.5960, 13.0172,
24.9103

■ 76.0620, 23.1404,
44.6726

■ 105.6400, 9.5445,
18.7327

■ 68.3170, 26.4657,
51.4650

■ 113.3850, 6.2192,
11.9404

■ 60.6860, 30.2278,
58.1574

■ 121.0160, 2.4571,
5.2480

■ 53.5280, 33.2637,
64.4349

■ 128.7610, -0.8682,
-1.5444

■ 51.7670, 34.1319,
65.9793

■ 135.9190, -3.9041,
-7.8220

■ 143.5500, -7.6662,
-14.5144

■ 151.2950,
-10.9914, -21.3067

■ 158.4530,
-14.0273, -27.5843

Harmonies

Analogous

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



89.1330, 28.5284, -3.6246



90.8510, 16.3425, 31.7027



87.9000, 2.0213, 51.8307

Triad

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



90.8510, 16.3425, 31.7027



84.0710, -34.5450, 20.1087



74.6140, 21.8823, -65.4365

Complementary

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



90.8510, 16.3425, 31.7027



102.1490, -16.3425, -31.7027

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.



70.7380, 7.0312, -62.0372



90.8510, 16.3425, 31.7027



81.2140, -28.2065, -6.3267

Square

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



90.8510, 16.3425, 31.7027



86.1520, -27.1899, 41.0857



73.2770, -10.4896, -42.3389



75.8170, 34.1072, -66.4915

Rectangle

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



90.8510, 16.3425, 31.7027



86.4630, -8.6093, 54.8449



73.2770, -10.4896, -42.3389



73.3600, 17.0775, -64.3367

Sweetspot

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



90.8510, 16.3425, 31.7027



152.3850, 6.2192, 11.9404



73.5520, 26.3499, -4.8691



75.6680, 3.6147, 7.3072



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.



90.8510, 16.3425, 31.7027



109.0780, 25.5975, 49.9206



87.4310, 3.2385, 34.7020



59.7770, 1.5889, 3.7036



52.0660, 33.9845, 66.5941



0.0000, 0.0000, 0.0000

Inverse Universe

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



90.8510, 16.3425, 31.7027



109.0780, 25.5975, 49.9206



105.5690, -3.2385, -34.7020



59.7770, 1.5889, 3.7036



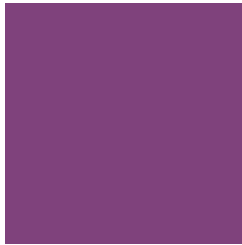
52.0660, 33.9845, 66.5941



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 90.8510, 16.3425, 31.7027 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 ✓ Pass

Black Background



This preview shows how the YUV color 90.8510, 16.3425, 31.7027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

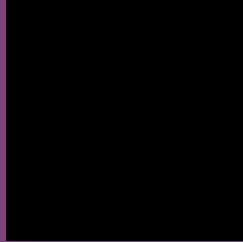
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.8510, 16.3425, 31.7027

Background



This preview shows how black text looks on a background with the YUV color 90.8510, 16.3425, 31.7027.



This preview shows how white text looks on a background with the YUV color 90.8510, 16.3425,

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

90.8510, 16.3425, 31.7027

Protanopia

87.5890, 26.8246, -17.1796

Deuteranopia

89.2560, 15.1568, -8.1175



Tritanopia

90.4380, -4.1599, 27.6799

Trichromacy



Original Color

90.8510, 16.3425, 31.7027

Protanomaly

88.3740, 22.9866, 0.5490

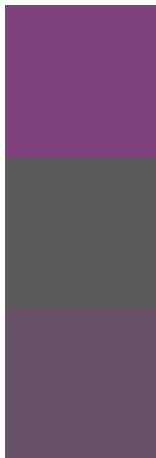
Deuteranomaly

89.7570, 15.4028, 6.3521

Tritanomaly

90.3980, 3.2548, 29.4690

Monochromacy



Original Color

90.8510, 16.3425, 31.7027

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8510, 16.3425, 31.7027 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(127, 66, 124)` looks like.

```
.text, #text, p{  
    color:rgb(127, 66, 124)  
}
```

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(127, 66, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 66, 124) }
```

Border

The CSS property to change the border of an element to YUV 90.8510, 16.3425, 31.7027 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(127, 66, 124) }
```


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

```
.border{ border-color:rgb(127, 66, 124) }
```

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

Here you see how a box with a 4 pixel rgb(127, 66, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 66, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 66, 124);  
box-shadow:4px 4px 4px 4px rgb(127, 66,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 90.8510, 16.3425, 31.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 66, 124) }
```

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

```
.background{ background-color: rgb(127, 66,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor