

Converting Colors

YUV(91.7510, 21.3218, 21.2664)

Have a look what the booklet for
YUV(91.7510, 21.3218, 21.2664)
contains.

| | |
|--|----|
| YUV(91.7510, 21.3218, 21.2664) | 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(91.7510, 21.3218,
21.2664)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 744787 |
| RGB | 116, 71, 135 |
| RGB Percent | 45%, 28%, 53% |
| CMY | 0.5451, 0.7216, 0.4706 |
| CMYK | 0.14, 0.47, 0.00, 0.47 |
| HSL | 282°, 31%, 40% |
| HSV | 282°, 47%, 53% |
| XYZ | 13.8289, 9.9687, 24.1170 |
| YIQ | 91.7510, 6.2760, 29.4440 |

Conversions

Conversions Part 2

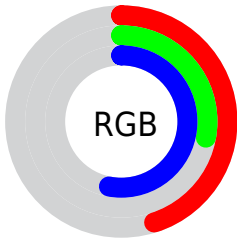
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 116, 71, 135 |
| Decimal | 7620487 |
| CIE _{Lab} | 37.79, 31.14, -28.27 |
| CIE _{LCh} | 38, 42.061, 317.762 |
| Yxy | 9.9687, 0.2886, 0.2081 |
| Android (android.graphics.Color) | 4285810567 (0xFF744787) |
| YUV | 91.7510, 21.3218, 21.2664 |
| Hunter-Lab | 31.5733, 22.9283, -23.1867 |

Details

The YUV color **91.7510, 21.3218, 21.2664** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **114.2490, -21.3218, -21.2664**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1040, 22.6267, 22.7108**, and **43.5120, 20.4536, 19.7220** is the 20% darker color. If you saturate the color by 10%, you get **82.9240, 25.6735, 25.4997**, and if you desaturate by 10%, it is **101.1650, 16.6807, 16.5183**.

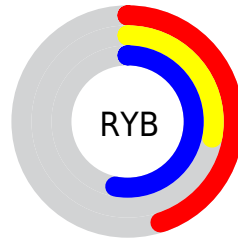
Distribution



Red (45%)

Green (28%)

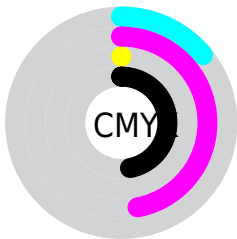
Blue (53%)



Red (45%)

Yellow (28%)

Blue (53%)

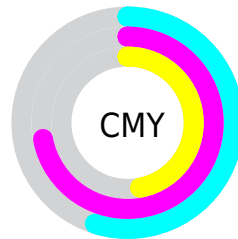


Cyan (14%)

Magenta (47%)

Yellow (0%)

Black (47%)



Cyan (55%)

Magenta (72%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7510, 21.3218, 21.2664 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 91.7510, 21.3218, 21.2664 by changing the saturation by 10% instead.

91.7510, 21.3218,
21.2664

91.7510, 21.3218,
21.2664

255.0000, 0.0000,
0.0000

67.2240, 20.5956,
20.8516

143.1040, 22.6267,
22.7108

43.5120, 20.4536,
19.7220

169.8160, 22.7687,
23.8404

20.0990, 20.1642,
19.2072

197.3430, 23.4949,
24.2552

10.7250, 13.9396,
9.0112

223.0030, 15.7745,
27.1844

2.4110, 6.6994,
-2.1144

240.3250, 7.2348,
12.8700

0.0000, 0.0000,
0.0000

91.7510, 21.3218,
21.2664

91.7510, 21.3218,
21.2664

82.9240, 25.6735,
25.4997

101.1650, 16.6807,
16.5183

73.5100, 30.3146,
30.2477

109.9920, 12.3289,
12.2850

64.6830, 34.6663,
34.4810

119.4060, 7.6878,
7.5369

55.2690, 39.3074,
39.2291

128.2330, 3.3361,
3.3037

45.8550, 43.9485,
43.9772

137.6470, -1.3050,
-1.4444


43.7950, 44.9641,
44.9068

146.4740, -5.6567,
-5.6777

155.8880,
-10.2978, -10.4258

164.7150,

-14.6495, -14.6591

 174.1290,
-19.2906, -19.4071

Harmonies

Analogous

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



86.5760, 33.2400, -21.5532



91.7510, 21.3218, 21.2664



89.2460, 7.2737, 47.1423

Triad

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



91.7510, 21.3218, 21.2664



85.2400, -34.1353, 28.7305



74.0610, 17.2249, -64.9515

Complementary

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



91.7510, 21.3218, 21.2664



114.2490, -21.3218, -21.2664

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.



69.3700, 1.7896, -60.8375



91.7510, 21.3218, 21.2664



82.4280, -32.7490, 4.0096

Square

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



91.7510, 21.3218, 21.2664



87.1080, -23.7172, 47.2633



77.6010, -18.5373, -27.7141



76.3070, 30.9076, -66.9212

Rectangle

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



91.7510, 21.3218, 21.2664



86.9560, -2.9363, 55.2896



77.6010, -18.5373, -27.7141



72.6930, 11.9834, -63.7518

Sweetspot

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



91.7510, 21.3218, 21.2664



159.2320, 8.2666, 8.5665



89.4490, 22.4566, -16.1798



78.9990, 4.9305, 5.2629



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



91.7510, 21.3218, 21.2664



108.3300, 33.3613, 33.0366



95.9500, 12.8426, 34.2468



61.8800, 2.0312, 1.8592



42.0290, 43.3697, 42.9476



0.9400, 1.0156, 0.9296

Inverse Universe

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



92.3020, -1.1349, 37.4461



109.2060, -2.0736, 58.5783



110.0500, -12.8426, -34.2468



62.0220, -0.0108, 3.4887



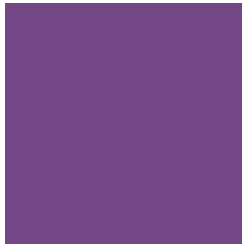
43.3160, -2.1278, 76.0219



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 91.7510, 21.3218, 21.2664 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 91.7510, 21.3218, 21.2664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

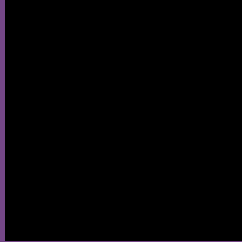
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7510, 21.3218, 21.2664

Background



This preview shows how black text looks on a background with the YUV color 91.7510, 21.3218, 21.2664.



This preview shows how white text looks on a background with the YUV color 91.7510, 21.3218,

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

91.7510, 21.3218, 21.2664

Protanopia

86.8920, 30.6192, -20.9533

Deuteranopia

88.5200, 21.4356, -15.3650



Tritanopia

90.7570, -1.3592, 15.9991

Trichromacy



Original Color

91.7510, 21.3218, 21.2664

Protanomaly

88.4810, 27.3709, -5.6838

Deuteranomaly

89.3090, 21.5397, -2.0250

Tritanomaly

91.2440, 6.7817, 18.2030

Monochromacy



Original Color

91.7510, 21.3218, 21.2664

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.8190, 7.9772, 8.0517

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7510, 21.3218, 21.2664 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(116, 71, 135)` looks like.

```
.text, #text, p{  
    color:rgb(116, 71, 135)  
}
```

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(116, 71, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 71, 135) }
```

Border

The CSS property to change the border of an element to YUV 91.7510, 21.3218, 21.2664 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(116, 71, 135) }
```


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

```
.border{ border-color:rgb(116, 71, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 71, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 71, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 71, 135);  
box-shadow:4px 4px 4px 4px rgb(116, 71,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 91.7510, 21.3218, 21.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 71, 135) }
```

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

```
.background{ background-color: rgb(116, 71,  
135) }
```

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