

Converting Colors

YUV(95.2610, 24.5213, 21.6961)

Have a look what the booklet for
YUV(95.2610, 24.5213, 21.6961)
contains.

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Color

**YUV(95.2610, 24.5213,
21.6961)**

Conversions

Conversions Part 1

Format	Color
Hex	784991
RGB	120, 73, 145
RGB Percent	47%, 29%, 57%
CMY	0.5294, 0.7137, 0.4314
CMYK	0.17, 0.50, 0.00, 0.43
HSL	279°, 33%, 43%
HSV	279°, 50%, 57%
XYZ	15.2391, 10.8025, 28.0700
YIQ	95.2610, 4.9000, 32.3560

Conversions

Conversions Part 2

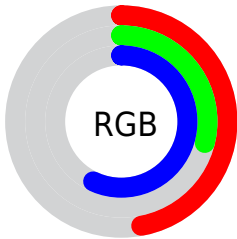
Format	Color
R_{YB}	120, 73, 145
Decimal	7883153
CIE _{Lab}	39.25, 33.50, -32.04
CIE _{LCh}	39, 46.354, 316.279
Yxy	10.8025, 0.2816, 0.1996
Android (android.graphics.Color)	4286073233 (0xFF784991)
YUV	95.2610, 24.5213, 21.6961
Hunter-Lab	32.8671, 25.2454, -27.6292

Details

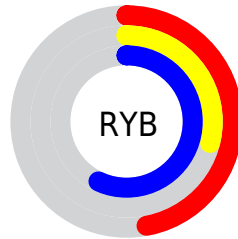
The YUV color **95.2610, 24.5213, 21.6961** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **122.7390, -24.5213, -21.6961**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9130, 25.6789, 23.7553**, and **46.6090, 23.3638, 19.6369** is the 20% darker color. If you saturate the color by 10%, you get **85.5480, 29.3098, 25.8294**, and if you desaturate by 10%, it is **105.5610, 19.4434, 17.0480**.

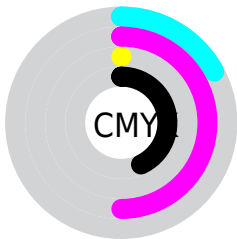
Distribution



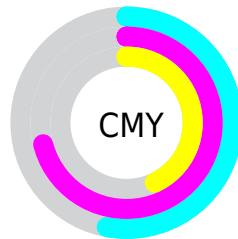
- Red (47%)
- Green (29%)
- Blue (57%)



- Red (47%)
- Yellow (29%)
- Blue (57%)



- Cyan (17%)
- Magenta (50%)
- Yellow (0%)
- Black (43%)



- Cyan (53%)
- Magenta (71%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.2610, 24.5213, 21.6961 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 95.2610, 24.5213, 21.6961 by changing the saturation by 10% instead.

95.2610, 24.5213,
21.6961

95.2610, 24.5213,
21.6961

255.0000, 0.0000,
0.0000

70.4350, 23.9425,
20.6665

146.9130, 25.6789,
23.7553

46.6090, 23.3638,
19.6369

173.7390, 26.2577,
24.7849

22.6090, 23.3638,
19.6369

201.1520, 26.5471,
25.2997

13.1320, 16.6969,
11.2852

225.0630, 14.7589,
26.2547

3.4370, 10.6306,
-3.0142

241.4990, 6.6560,
11.8404

0.0000, 0.0000,
0.0000

95.2610, 24.5213,
21.6961

95.2610, 24.5213,
21.6961

85.5480, 29.3098,
25.8294

105.5610, 19.4434,
17.0480

75.2480, 34.3877,
30.4775

115.2740, 14.6549,
12.9147

64.9480, 39.4656,
35.1256

124.9870, 9.8664,
8.7814

55.2350, 44.2541,
39.2589

135.2870, 4.7885,
4.1333

44.9350, 49.3320,
43.9070


145.5870, -0.2894,
-0.5148

155.3000, -5.0779,
-4.6481

165.6000,
-10.1558, -9.2962

175.3130,

-14.9443, -13.4295

 185.0260,
-19.7328, -17.5628

Harmonies

Analogous

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



88.3840, 37.7717, -28.4008



95.2610, 24.5213, 21.6961



92.1480, 9.2940, 52.4902

Triad

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



95.2610, 24.5213, 21.6961



87.7090, -38.8035, 32.7042



77.3380, 17.0884, -67.8254

Complementary

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



95.2610, 24.5213, 21.6961



122.7390, -24.5213, -21.6961

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.



72.3050, 0.3426, -63.4115



95.2610, 24.5213, 21.6961



85.0170, -39.4484, 6.1241

Square

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



95.2610, 24.5213, 21.6961



89.7990, -25.0439, 52.7963



79.7920, -21.5895, -28.7586



80.0400, 32.5183, -70.1951

Rectangle

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



95.2610, 24.5213, 21.6961



89.9290, -1.9370, 61.4523



79.7920, -21.5895, -28.7586



75.9700, 11.8468, -66.6257

Sweetspot

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



95.2610, 24.5213, 21.6961



168.9870, 9.8664, 8.7814



95.8830, 24.2147, -20.0684



82.2270, 5.8041, 5.0629



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



95.2610, 24.5213, 21.6961



110.1220, 38.8869, 34.0960



101.4820, 16.0314, 38.1653



66.2930, 2.3206, 2.3740



41.7020, 45.9959, 40.6033



2.4070, 2.7573, 2.2741

Inverse Universe

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



97.3780, 0.3066, 41.7645



113.6460, 0.6675, 66.0855



116.5180, -16.0314, -38.1653



66.4350, 0.2785, 4.0035



45.7230, 0.6296, 78.2959



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 95.2610, 24.5213, 21.6961 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 95.2610, 24.5213, 21.6961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

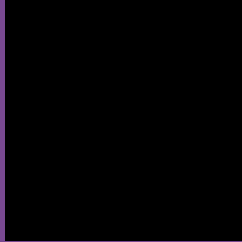
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.2610, 24.5213, 21.6961

Background



This preview shows how black text looks on a background with the YUV color 95.2610, 24.5213, 21.6961.



This preview shows how white text looks on a background with the YUV color 95.2610, 24.5213,

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

95.2610, 24.5213, 21.6961

Protanopia

90.0100, 34.9981, -25.4418

Deuteranopia

90.7090, 24.7935, -19.0388



Tritanopia

94.4580, -1.2118, 15.3843

Trichromacy



Original Color

95.2610, 24.5213, 21.6961

Protanomaly

91.4960, 31.3075, -8.3280

Deuteranomaly

92.3950, 24.4553, -3.8544

Tritanomaly

94.5860, 8.0921, 17.9031

Monochromacy



Original Color

95.2610, 24.5213, 21.6961

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0470, 8.8508, 7.8518

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2610, 24.5213, 21.6961 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(120, 73, 145)` looks like.

```
.text, #text, p{  
    color:rgb(120, 73, 145)  
}
```

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(120, 73, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 73, 145) }
```

Border

The CSS property to change the border of an element to YUV 95.2610, 24.5213, 21.6961 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(120, 73, 145) }
```


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

```
.border{ border-color:rgb(120, 73, 145) }
```

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

Here you see how a box with a 4 pixel rgb(120, 73, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 73, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 73, 145);  
box-shadow:4px 4px 4px 4px rgb(120, 73,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 95.2610, 24.5213, 21.6961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 73, 145) }
```

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

```
.background{ background-color: rgb(120, 73,  
145) }
```

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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