

Converting Colors

YUV(95.7200, 35.1410, 22.1706)

Have a look what the booklet for
YUV(95.7200, 35.1410, 22.1706)
contains.

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Color

**YUV(95.7200, 35.1410,
22.1706)**

Conversions

Conversions Part 1

Format	Color
Hex	7945A7
RGB	121, 69, 167
RGB Percent	47%, 27%, 65%
CMY	0.5255, 0.7294, 0.3451
CMYK	0.28, 0.59, 0.00, 0.35
HSL	272°, 42%, 46%
HSV	272°, 59%, 65%
XYZ	16.9883, 11.1112, 37.8085
YIQ	95.7200, -0.4660, 41.5020

Conversions

Conversions Part 2

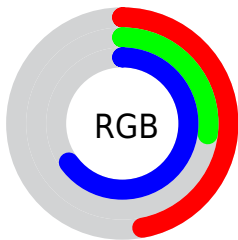
Format	Color
R_{YB}	121, 69, 167
Decimal	7947687
CIE _{Lab}	39.77, 41.27, -44.42
CIE _{LCh}	40, 60.638, 312.894
Yxy	11.1112, 0.2578, 0.1686
Android (android.graphics.Color)	4286137767 (0xFF7945A7)
YUV	95.7200, 35.1410, 22.1706
Hunter-Lab	33.3335, 32.6385, -43.9163

Details

The YUV color **95.7200, 35.1410, 22.1706** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **140.2800, -35.1410, -22.1706**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4860, 36.7354, 24.1298**, and **44.4810, 34.2729, 20.6262** is the 20% darker color. If you saturate the color by 10%, you get **83.3490, 41.2399, 26.0039**, and if you desaturate by 10%, it is **108.0910, 29.0421, 18.3372**.

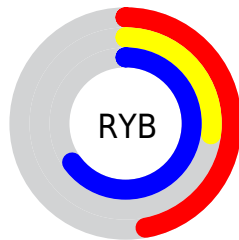
Distribution



Red (47%)

Green (27%)

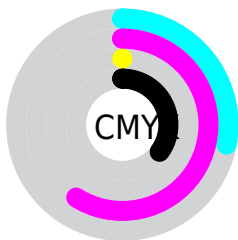
Blue (65%)



Red (47%)

Yellow (27%)

Blue (65%)

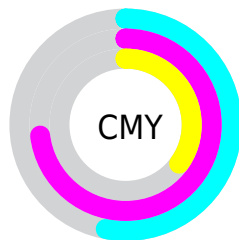


Cyan (28%)

Magenta (59%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (73%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7200, 35.1410, 22.1706 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 95.7200, 35.1410, 22.1706 by changing the saturation by 10% instead.

■ 95.7200, 35.1410,
22.1706

■ 95.7200, 35.1410,
22.1706

■ 255.0000, 0.0000,
0.0000

■ 70.4810, 34.2729,
20.6262

■ 148.4860, 36.7354,
24.1298

■ 44.4810, 34.2729,
20.6262

■ 175.4260, 37.7510,
25.0594

■ 22.7040, 32.6839,
16.9226

■ 200.2880, 26.9730,
28.6884

■ 13.3900, 25.4437,
5.7970

■ 223.3020, 15.6271,
27.7991

■ 6.5490, 17.4773,
-5.7435

■ 239.7380, 7.5242,
13.3848

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 95.7200, 35.1410,
22.1706

■ 95.7200, 35.1410,
22.1706

■ 83.3490, 41.2399,
26.0039

■ 108.0910, 29.0421,
18.3372

■ 71.5650, 47.0495,
29.3225

■ 119.8750, 23.2326,
15.0186

■ 59.1940, 53.1484,
33.1559

■ 132.2460, 17.1337,
11.1853

■ 47.1220, 59.0999,
37.6040

■ 144.3180, 11.1822,
6.7371

■ 45.6490, 59.8260,
38.0188

■ 156.1020, 5.3727,
3.4185

■ 168.4730, -0.7262,
-0.4148

■ 180.8440, -6.8251,
-4.2482

■ 193.2150,
-12.9240, -8.0816

■ 204.9990,
-18.7335, -11.4001

Harmonies

Analogous

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



76.3650, 56.5151, -66.9721



95.7200, 35.1410, 22.1706



87.2500, 18.1178, 69.0637

Triad

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



95.7200, 35.1410, 22.1706



88.5100, -43.6354, 42.5257



80.5010, 16.5150, -70.5994

Complementary

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



95.7200, 35.1410, 22.1706



140.2800, -35.1410, -22.1706

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.



73.5130, -5.1829, -64.4709



95.7200, 35.1410, 22.1706



85.9310, -42.3640, 7.9535

Square

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



95.7200, 35.1410, 22.1706



85.8830, -29.0293, 71.1396



73.1920, -35.0977, -36.1254



85.1580, 36.8971, -74.6836

Rectangle

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



95.7200, 35.1410, 22.1706



80.6190, 5.1178, 85.4031



73.1920, -35.0977, -36.1254



78.5630, 9.0894, -68.8998

Sweetspot

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



95.7200, 35.1410, 22.1706



188.4260, 14.0870, 8.3964



107.7610, 29.2048, -33.9934



92.3240, 8.7143, 4.9779



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



95.7200, 35.1410, 22.1706



106.5470, 54.4533, 34.6003



109.2460, 27.4867, 50.6503



78.1080, 2.9048, 1.6593



40.1940, 53.1484, 33.1559



5.5690, 7.1145, 4.7630

Inverse Universe

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



103.5460, 5.6468, 55.6492



118.5420, 8.6068, 86.3477



126.7540, -27.4867, -50.6503



78.8480, 0.5679, 4.5183



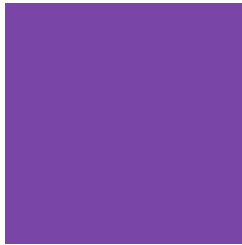
52.1180, 8.3228, 84.0885



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 95.7200, 35.1410, 22.1706 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 95.7200, 35.1410, 22.1706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

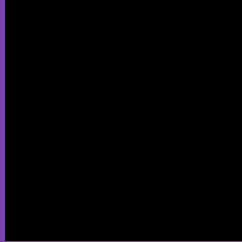
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7200, 35.1410, 22.1706

Background



This preview shows how black text looks on a background with the YUV color 95.7200, 35.1410, 22.1706.



This preview shows how white text looks on a background with the YUV color 95.7200, 35.1410,

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

95.7200, 35.1410, 22.1706

Protanopia

82.1390, 52.6825, -50.9879

Deuteranopia

86.7910, 37.0780, -39.2817



Tritanopia

95.3650, -0.1799, 11.0809

Trichromacy



Original Color

95.7200, 35.1410, 22.1706

Protanomaly

86.9960, 46.3440, -24.5525

Deuteranomaly

90.4070, 36.2813, -17.0199

Tritanomaly

95.7150, 12.4655, 15.1589

Monochromacy



Original Color

95.7200, 35.1410, 22.1706

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7850, 12.9240, 8.0816

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7200, 35.1410, 22.1706 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(121, 69, 167)` looks like.

```
.text, #text, p{  
    color:rgb(121, 69, 167)  
}
```

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(121, 69, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 69, 167) }
```

Border

The CSS property to change the border of an element to YUV 95.7200, 35.1410, 22.1706 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(121, 69, 167) }
```


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

```
.border{ border-color:rgb(121, 69, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 69, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 69, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 69, 167);  
box-shadow:4px 4px 4px 4px rgb(121, 69,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 95.7200, 35.1410, 22.1706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 69, 167) }
```

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

```
.background{ background-color: rgb(121, 69,  
167) }
```

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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