

Converting Colors

YUV(87.2230, 22.0751, 12.9594)

Have a look what the booklet for
YUV(87.2230, 22.0751, 12.9594)
contains.

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Color

**YUV(87.2230, 22.0751,
12.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	664784
RGB	102, 71, 132
RGB Percent	40%, 28%, 52%
CMY	0.6000, 0.7216, 0.4824
CMYK	0.23, 0.46, 0.00, 0.48
HSL	270°, 30%, 40%
HSV	270°, 46%, 52%
XYZ	11.8976, 8.9972, 22.9394
YIQ	87.2230, -1.1050, 25.5430

Conversions

Conversions Part 2

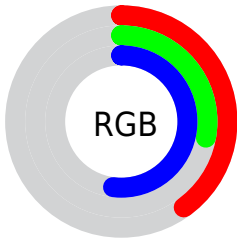
Format	Color
R_{YB}	102, 71, 132
Decimal	6702980
CIE _{Lab}	35.98, 26.07, -29.39
CIE _{LCh}	36, 39.285, 311.577
Yxy	8.9972, 0.2714, 0.2053
Android (android.graphics.Color)	4284893060 (0xFF664784)
YUV	87.2230, 22.0751, 12.9594
Hunter-Lab	29.9953, 18.3098, -24.3461

Details

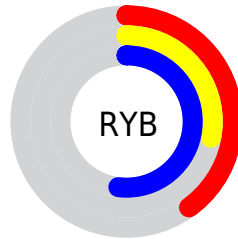
The YUV color **87.2230, 22.0751, 12.9594** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **115.7770, -22.0751, -12.9594**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5760, 23.3800, 14.4038**, and **40.4570, 20.4807, 11.0002** is the 20% darker color. If you saturate the color by 10%, you get **77.7980, 26.7216, 15.9632**, and if you desaturate by 10%, it is **96.6480, 17.4285, 9.9557**.

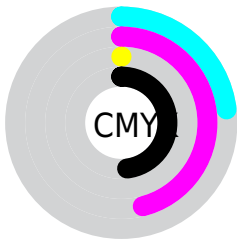
Distribution



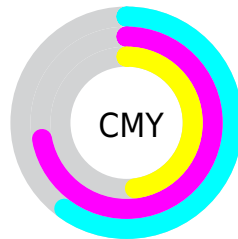
- Red (40%)
- Green (28%)
- Blue (52%)



- Red (40%)
- Yellow (28%)
- Blue (52%)



- Cyan (23%)
- Magenta (46%)
- Yellow (0%)
- Black (48%)



- Cyan (60%)
- Magenta (72%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2230, 22.0751, 12.9594 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 87.2230, 22.0751, 12.9594 by changing the saturation by 10% instead.

87.2230, 22.0751,
12.9594

87.2230, 22.0751,
12.9594

255.0000, 0.0000,
0.0000

63.3970, 21.4963,
11.9298

137.5760, 23.3800,
14.4038

40.4570, 20.4807,
11.0002

164.4020, 23.9588,
15.4334

17.7450, 20.3387,
9.8706

191.9290, 24.6850,
15.8483

4.2180, 16.1615,
-3.6992

217.6320, 18.4224,
17.8627

1.4820, 5.6784,
-1.2997

239.1510, 7.8136,
13.8996

0.0000, 0.0000,
0.0000

87.2230, 22.0751,
12.9594

87.2230, 22.0751,
12.9594

77.7980, 26.7216,
15.9632

96.6480, 17.4285,
9.9557

68.0740, 31.5155,
18.3521

106.3720, 12.6346,
7.5668

58.0620, 36.4514,
21.8706

116.3840, 7.6987,
4.0482

48.3380, 41.2454,
24.2596

126.1080, 2.9048,
1.6593

38.9130, 45.8919,
27.2633

135.5330, -1.7418,
-1.3444

35.0810, 47.7811,
27.9930

145.2570, -6.5357,
-3.7334

154.6820,
-11.1822, -6.7371

164.9930,

-16.2655, -9.6409

■ 174.4180,
-20.9121, -12.6446

Harmonies

Analogous

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



79.4070, 32.8303, -30.1749



87.2230, 22.0751, 12.9594



86.0710, 9.3320, 40.2797

Triad

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



87.2230, 22.0751, 12.9594



82.1030, -29.6308, 30.6047



69.6440, 12.9935, -61.0778

Complementary

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



87.2230, 22.0751, 12.9594



115.7770, -22.0751, -12.9594

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.



64.8220, -0.4052, -56.8489



87.2230, 22.0751, 12.9594



79.8030, -31.4549, 8.9428

Square

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



87.2230, 22.0751, 12.9594



82.6610, -19.0599, 46.7783



75.4990, -20.4590, -17.9776



71.8900, 26.6762, -63.0475

Rectangle

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



87.2230, 22.0751, 12.9594



84.0200, -0.0099, 49.9715



75.4990, -20.4590, -17.9776



68.3900, 8.1887, -59.9780

Sweetspot

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



87.2230, 22.0751, 12.9594



153.3240, 8.7143, 4.9779



96.1510, 17.6736, -22.0574



75.8030, 5.5201, 2.8038



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



87.2230, 22.0751, 12.9594



102.0680, 33.9835, 20.1114



96.1930, 17.6529, 31.4027



61.5810, 2.1786, 1.2445



34.5540, 47.0549, 27.5781



0.6410, 1.1630, 0.3148

Inverse Universe

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



92.6590, 4.1121, 34.5021



110.3500, 6.2364, 53.1900



106.8070, -17.6529, -31.4027



62.1360, 0.4260, 3.3887



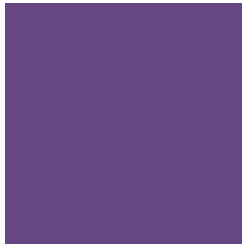
46.1660, 8.7922, 73.5224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 87.2230, 22.0751, 12.9594 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 87.2230, 22.0751, 12.9594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

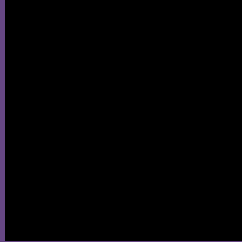
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2230, 22.0751, 12.9594

Background



This preview shows how black text looks on a background with the YUV color 87.2230, 22.0751, 12.9594.

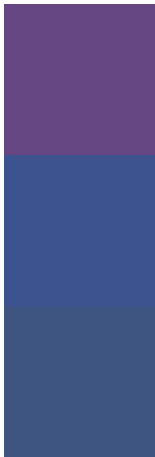


This preview shows how white text looks on a background with the YUV color 87.2230, 22.0751,

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

87.2230, 22.0751, 12.9594

Protanopia

82.9630, 29.5982, -20.1386

Deuteranopia

83.4380, 22.4621, -17.9241



Tritanopia

85.6850, 1.1413, 7.2923

Trichromacy



Original Color

87.2230, 22.0751, 12.9594

Protanomaly

84.6440, 26.7975, -8.4578

Deuteranomaly

84.8030, 22.2821, -6.8432

Tritanomaly

86.0580, 8.8454, 9.5961

Monochromacy



Original Color

87.2230, 22.0751, 12.9594

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7970, 7.9881, 4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2230, 22.0751, 12.9594 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(102, 71, 132)` looks like.

```
.text, #text, p{  
    color:rgb(102, 71, 132)  
}
```

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(102, 71, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 71, 132) }
```

Border

The CSS property to change the border of an element to YUV 87.2230, 22.0751, 12.9594 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(102, 71, 132) }
```


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

```
.border{ border-color:rgb(102, 71, 132) }
```

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

Here you see how a box with a 4 pixel rgb(102, 71, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 71, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 71, 132);  
box-shadow:4px 4px 4px 4px rgb(102, 71,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 87.2230, 22.0751, 12.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 71, 132) }
```

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

```
.background{ background-color: rgb(102, 71,  
132) }
```

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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