

Converting Colors

YUV(88.0960, 21.6447, 57.7978)

Have a look what the booklet for
YUV(88.0960, 21.6447, 57.7978)
contains.

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Color

**YUV(88.0960, 21.6447,
57.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	9A2E84
RGB	154, 46, 132
RGB Percent	60%, 18%, 52%
CMY	0.3961, 0.8196, 0.4824
CMYK	0.00, 0.70, 0.14, 0.40
HSL	312°, 54%, 39%
HSV	312°, 70%, 60%
XYZ	18.4683, 10.4900, 22.8812
YIQ	88.0960, 36.7620, 49.6420

Conversions

Conversions Part 2

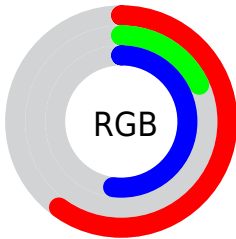
Format	Color
RYB	154, 46, 132
Decimal	10104452
CIELab	38.71, 53.79, -24.58
CIELCh	39, 59.142, 335.440
Yxy	10.4900, 0.3563, 0.2024
Android (android.graphics.Color)	4288294532 (0xFF9A2E84)
YUV	88.0960, 21.6447, 57.7978
Hunter-Lab	32.3882, 45.1042, -19.2146

Details

The YUV color **88.0960, 21.6447, 57.7978** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **111.9040, -21.6447, -57.7978**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4660, 20.4763, 59.2273**, and **38.9490, 21.2241, 52.6647** is the 20% darker color. If you saturate the color by 10%, you get **78.9490, 24.6751, 65.8197**, and if you desaturate by 10%, it is **97.2430, 18.6142, 49.7759**.

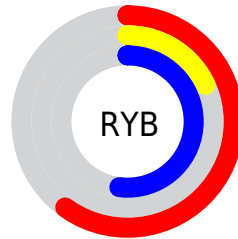
Distribution



Red (60%)

Green (18%)

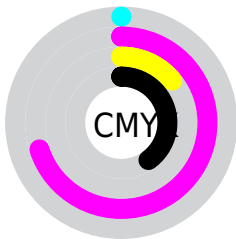
Blue (52%)



Red (60%)

Yellow (18%)

Blue (52%)

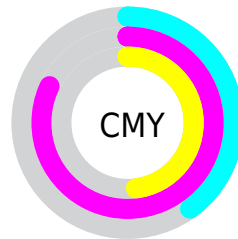


Cyan (0%)

Magenta (70%)

Yellow (14%)

Black (40%)



Cyan (40%)


Magenta (82%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.0960, 21.6447, 57.7978 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 88.0960, 21.6447, 57.7978 by changing the saturation by 10% instead.


 88.0960, 21.6447,
57.7978


 88.0960, 21.6447,
57.7978


255.0000, 0.0000,
0.0000


 55.7420, 25.2702,
61.6163


 143.4660, 20.4763,
59.2273


 38.9490, 21.2241,
52.6647


 171.4770, 20.4708,
60.9717


 28.5530, 15.0104,
38.9800

 195.4050, 22.9713,
52.2648

 18.8690, 8.9386,
26.4249

 213.3230, 20.5468,
36.5507

 3.4610, 4.2097,
3.1037

 230.3460, 12.1544,
21.6216

 0.0000, 0.0000,
0.0000

 247.3690, 3.7621,

6.6924

■ 88.0960, 21.6447,
57.7978

■ 88.0960, 21.6447,
57.7978

■ 78.9490, 24.6751,
65.8197

■ 97.2430, 18.6142,
49.7759

■ 69.2150, 27.9950,
74.3564

■ 106.9770, 15.2943,
41.2392

■ 60.0680, 31.0255,
82.3784

■ 116.1240, 12.2639,
33.2173

■ 125.9720, 9.3808,
24.5806

■ 135.1190, 6.3503,
16.5586

■ 144.2660, 3.3199,
8.5367

■ 154.0000, 0.0000,
0.0000

■ 163.1470, -3.0305,
-8.0219

■ 172.8810, -6.3503,
-16.5586

Harmonies

Analogous

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



92.7180, 38.1000, 6.3863



88.0960, 21.6447, 57.7978



78.7390, 3.0867, 83.5439

Triad

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



88.0960, 21.6447, 57.7978



84.8010, -41.8069, 15.9605



81.8010, 31.6501, -71.7395

Complementary

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



88.0960, 21.6447, 57.7978



111.9040, -21.6447, -57.7978

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.



77.0300, 10.8312, -67.5553



88.0960, 21.6447, 57.7978



76.5960, -37.7618, -21.5707

Square

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



88.0960, 21.6447, 57.7978



85.3090, -42.0573, 49.7180



69.4550, -10.5773, -60.9120



83.2150, 47.2220, -72.9796

Rectangle

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



88.0960, 21.6447, 57.7978



80.3630, -13.4900, 80.3656



69.4550, -10.5773, -60.9120



80.6780, 24.8087, -70.7546

Sweetspot

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



88.0960, 21.6447, 57.7978



175.4340, 8.6600, 22.4214



64.8900, 43.9312, 2.7275



86.7550, 5.0508, 13.3699



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



88.0960, 21.6447, 57.7978



97.9210, 34.0559, 90.4003



81.9400, -1.9424, 63.1966



72.0760, 1.4415, 4.3183



54.6280, 28.2844, 74.8712



5.0270, 2.4517, 6.9923

Inverse Universe

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



88.0960, 21.6447, 57.7978



97.9210, 34.0559, 90.4003



118.0600, 1.9424, -63.1966



72.0760, 1.4415, 4.3183



54.6280, 28.2844, 74.8712



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 88.0960, 21.6447, 57.7978 looks on a white background.

Color Contrast Check

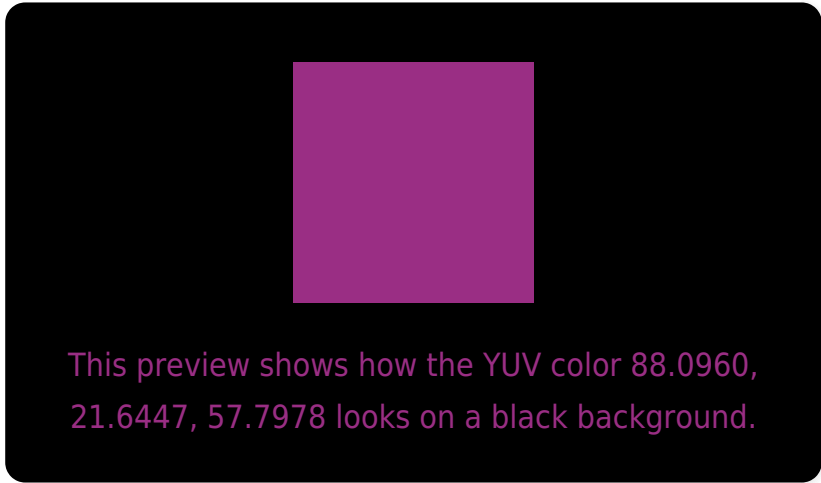
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

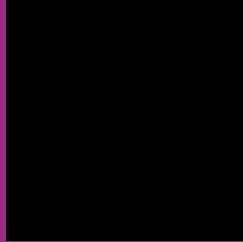
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.0960, 21.6447, 57.7978

Background



This preview shows how black text looks on a background with the YUV color 88.0960, 21.6447, 57.7978.



This preview shows how white text looks on a background with the YUV color 88.0960, 21.6447,

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

88.0960, 21.6447, 57.7978

Protanopia

87.6440, 40.1085, -31.2598

Deuteranopia

92.1850, 16.1778, -8.9322



Tritanopia

90.3870, -10.0508, 50.5266

Trichromacy



Original Color

88.0960, 21.6447, 57.7978

Protanomaly

87.8330, 33.6063, 1.0235

Deuteranomaly

90.9090, 18.2859, 14.9888

Tritanomaly

89.4980, 1.7265, 53.0603

Monochromacy



Original Color

88.0960, 21.6447, 57.7978

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1950, 7.7919, 20.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0960, 21.6447, 57.7978 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(154, 46, 132)` looks like.

```
.text, #text, p{  
    color:rgb(154, 46, 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(154, 46, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 46, 132) }
```

Border

The CSS property to change the border of an element to YUV 88.0960, 21.6447, 57.7978 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(154, 46, 132) }
```


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

```
.border{ border-color:rgb(154, 46, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 46, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 46, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 46, 132);  
box-shadow:4px 4px 4px 4px rgb(154, 46,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 88.0960, 21.6447, 57.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 46, 132) }
```

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

```
.background{ background-color: rgb(154, 46,  
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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