

Converting Colors

YUV(90.1490, 28.0275, 63.8903)

Have a look what the booklet for
YUV(90.1490, 28.0275, 63.8903)
contains.

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Color

**YUV(90.1490, 28.0275,
63.8903)**

Conversions

Conversions Part 1

Format	Color
Hex	A32A93
RGB	163, 42, 147
RGB Percent	64%, 16%, 58%
CMY	0.3608, 0.8353, 0.4235
CMYK	0.00, 0.74, 0.10, 0.36
HSL	308°, 59%, 40%
HSV	308°, 74%, 64%
XYZ	21.1987, 11.5490, 28.7157
YIQ	90.1490, 38.4110, 58.3070

Conversions

Conversions Part 2

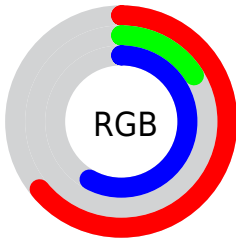
Format	Color
RYB	163, 42, 147
Decimal	10693267
CIELab	40.49, 59.73, -30.86
CIElCh	40, 67.231, 332.676
Yxy	11.5490, 0.3449, 0.1879
Android (android.graphics.Color)	4288883347 (0xFFA32A93)
YUV	90.1490, 28.0275, 63.8903
Hunter-Lab	33.9839, 51.8741, -26.3101

Details

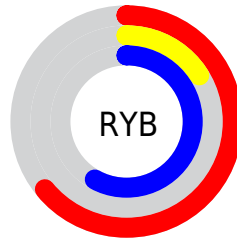
The YUV color **90.1490, 28.0275, 63.8903** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **114.8510, -28.0275, -63.8903**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6930, 26.2804, 64.2902**, and **42.9370, 26.1601, 56.1833** is the 20% darker color. If you saturate the color by 10%, you get **80.5290, 31.7842, 72.3271**, and if you desaturate by 10%, it is **99.7690, 24.2709, 55.4536**.

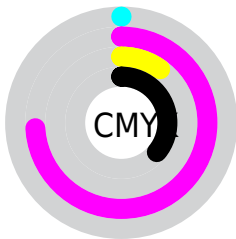
Distribution



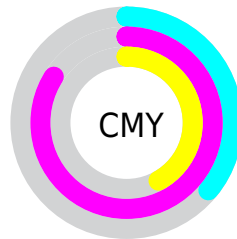
- Red (64%)
- Green (16%)
- Blue (58%)



- Red (64%)
- Yellow (16%)
- Blue (58%)



- Cyan (0%)
- Magenta (74%)
- Yellow (10%)
- Black (36%)




- Cyan (36%)
- Magenta (84%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.1490, 28.0275, 63.8903 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 90.1490, 28.0275, 63.8903 by changing the saturation by 10% instead.


 90.1490, 28.0275,
63.8903


 90.1490, 28.0275,
63.8903


255.0000, 0.0000,
0.0000

 54.1590, 32.9526,
70.8976


 147.6930, 26.2804,
64.2902


 42.9370, 26.1601,
56.1833


 176.4050, 26.4223,
65.4198


 32.1280, 19.6569,
41.9837

 196.8870, 28.6497,
50.9651

 22.3300, 13.1483,
29.5286

 213.3230, 20.5468,
36.5507

 10.5530, 8.1084,
12.6700

 230.3460, 12.1544,
21.6216

 0.0000, 0.0000,
0.0000

 247.3690, 3.7621,

6.6924

■ 90.1490, 28.0275,
63.8903

■ 90.1490, 28.0275,
63.8903

■ 80.5290, 31.7842,
72.3271

■ 99.7690, 24.2709,
55.4536

■ 70.3220, 35.8303,
81.2786

■ 109.9760, 20.2248,
46.5020

■ 64.8110, 37.5612,
86.1118

■ 119.5960, 16.4682,
38.0653

■ 129.3300, 13.1483,
29.5286

■ 138.9500, 9.3917,
21.0919

■ 149.1570, 5.3456,
12.1403

■ 158.7770, 1.5889,
3.7036

■ 168.3970, -2.1677,
-4.7332

■ 178.6040, -6.2138,
-13.6847

Harmonies

Analogous

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



95.7370, 45.9787, -0.6463



90.1490, 28.0275, 63.8903



67.9880, 12.3309, 105.2505

Triad

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



90.1490, 28.0275, 63.8903



89.5520, -44.1491, 20.5639



86.8220, 33.1188, -76.1429

Complementary

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



90.1490, 28.0275, 63.8903



114.8510, -28.0275, -63.8903

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.



80.5520, 9.0949, -70.6441



90.1490, 28.0275, 63.8903



80.1290, -39.5036, -22.9151

Square

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



90.1490, 28.0275, 63.8903



88.6090, -43.6842, 58.2249



72.0650, -15.8080, -63.2010



89.0340, 51.7482, -78.0828

Rectangle

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



90.1490, 28.0275, 63.8903



76.2110, -9.4710, 98.0390



72.0650, -15.8080, -63.2010



85.4710, 25.4038, -74.9581

Sweetspot

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



90.1490, 28.0275, 63.8903



183.6130, 10.5438, 24.8954



59.9800, 50.7889, -3.4905



90.1080, 6.3558, 14.8143



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



90.1490, 28.0275, 63.8903



98.2070, 43.7749, 99.7965



83.4230, 2.2565, 69.7890



76.6030, 2.1677, 4.7332



57.7190, 33.6625, 76.5454



7.0920, 3.8986, 9.5663

Inverse Universe

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



90.1490, 28.0275, 63.8903



98.2070, 43.7749, 99.7965



121.5770, -2.2565, -69.7890



76.6030, 2.1677, 4.7332



57.7190, 33.6625, 76.5454



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 90.1490, 28.0275, 63.8903 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 90.1490, 28.0275, 63.8903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

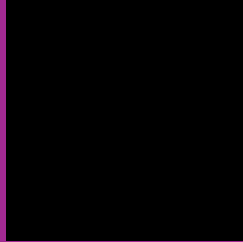
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.1490, 28.0275, 63.8903

Background



This preview shows how black text looks on a background with the YUV color 90.1490, 28.0275, 63.8903.



This preview shows how white text looks on a background with the YUV color 90.1490, 28.0275,

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

90.1490, 28.0275, 63.8903

Protanopia

85.7480, 52.3822, -48.0140

Deuteranopia

95.8190, 21.2882, -14.7503



Tritanopia

94.7680, -11.2246, 53.7005

Trichromacy



Original Color

90.1490, 28.0275, 63.8903



Protanomaly

87.1230, 43.8164, -7.1239



Deuteranomaly

93.6900, 23.8168, 14.3039



Tritanomaly

93.4600, 2.7312, 57.4786

Monochromacy



Original Color

90.1490, 28.0275, 63.8903



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

90.4880, 10.1124, 23.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1490, 28.0275, 63.8903 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(163, 42, 147)` looks like.

```
.text, #text, p{  
    color:rgb(163, 42, 147)  
}
```

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(163, 42, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 42, 147) }
```

Border

The CSS property to change the border of an element to YUV 90.1490, 28.0275, 63.8903 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(163, 42, 147) }
```


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

```
.border{ border-color:rgb(163, 42, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 42, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 42, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 42, 147);  
box-shadow:4px 4px 4px 4px rgb(163, 42,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 90.1490, 28.0275, 63.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 42, 147) }
```

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

```
.background{ background-color: rgb(163, 42,  
147) }
```

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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