

Converting Colors

YUV(80.6430, 28.7700, 59.0721)

Have a look what the booklet for
YUV(80.6430, 28.7700, 59.0721)
contains.

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Color

**YUV(80.6430, 28.7700,
59.0721)**

Conversions

Conversions Part 1

Format	Color
Hex	94238B
RGB	148, 35, 139
RGB Percent	58%, 14%, 55%
CMY	0.4196, 0.8627, 0.4549
CMYK	0.00, 0.76, 0.06, 0.42
HSL	305°, 62%, 36%
HSV	305°, 76%, 58%
XYZ	17.4740, 9.3620, 25.3122
YIQ	80.6430, 33.9640, 56.3000

Conversions

Conversions Part 2

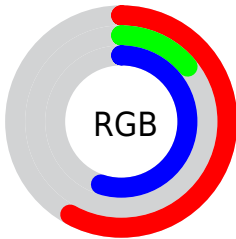
Format	Color
R_{YB}	148, 35, 139
Decimal	9708427
CIE _{Lab}	36.67, 57.27, -32.16
CIE _{LCh}	37, 65.684, 330.683
Yxy	9.3620, 0.3351, 0.1795
Android (android.graphics.Color)	4287898507 (0xFF94238B)
YUV	80.6430, 28.7700, 59.0721
Hunter-Lab	30.5975, 48.3944, -27.6303

Details

The YUV color **80.6430, 28.7700, 59.0721** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **102.3570, -28.7700, -59.0721**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.8880, 27.1702, 58.8572**, and **37.8390, 24.7294, 48.3762** is the 20% darker color. If you saturate the color by 10%, you get **71.7240, 32.6741, 66.8941**, and if you desaturate by 10%, it is **89.5620, 24.8659, 51.2501**.

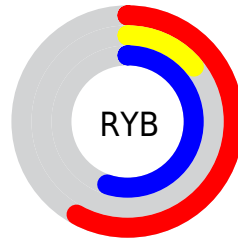
Distribution



Red (58%)

Green (14%)

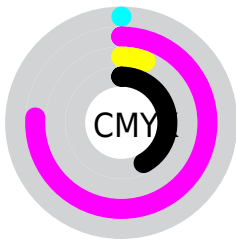
Blue (55%)



Red (58%)

Yellow (14%)

Blue (55%)

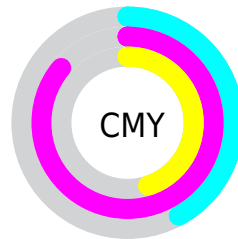


Cyan (0%)

Magenta (76%)

Yellow (6%)

Black (42%)



Cyan (42%)


Magenta (86%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.6430, 28.7700, 59.0721 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 80.6430, 28.7700, 59.0721 by changing the saturation by 10% instead.


 80.6430, 28.7700,
59.0721


 80.6430, 28.7700,
59.0721


255.0000, 0.0000,
0.0000


 48.7620, 31.6693,
62.4757


 137.8880, 27.1702,
58.8572


 37.8390, 24.7294,
48.3762


 165.6000, 27.3122,
59.9868


 27.4430, 18.5156,
34.6915

 191.6210, 28.7808,
55.5834

 17.6450, 12.0070,
22.2363

 208.6270, 22.8619,
40.6691

 2.8670, 8.4466,
-2.5144

 225.0630, 14.7589,
26.2547

 0.0000, 0.0000,
0.0000

 242.0860, 6.3666,

11.3256

■ 80.6430, 28.7700,
59.0721

■ 80.6430, 28.7700,
59.0721

■ 71.7240, 32.6741,
66.8941

■ 89.5620, 24.8659,
51.2501

■ 62.8050, 36.5781,
74.7160

■ 98.4810, 20.9619,
43.4282

■ 59.7560, 37.5883,
77.3900

■ 106.9270, 17.7840,
36.0210

■ 115.8460, 13.8799,
28.1991

■ 124.7650, 9.9759,
20.3771

■ 133.6840, 6.0718,
12.5551

■ 142.6030, 2.1677,
4.7332

■ 150.9350, -1.4470,
-2.5740

■ 159.9680, -4.9142,
-10.4959

Harmonies

Analogous

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



85.1060, 46.2897, -7.1090



80.6430, 28.7700, 59.0721



62.0580, 12.7894, 98.1731

Triad

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



80.6430, 28.7700, 59.0721



81.2900, -40.0760, 20.7937



79.2420, 29.4607, -69.4952

Complementary

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



80.6430, 28.7700, 59.0721



102.3570, -28.7700, -59.0721

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.



73.2000, 6.3104, -64.1964



80.6430, 28.7700, 59.0721



72.4760, -35.7307, -19.7115

Square

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



80.6430, 28.7700, 59.0721



79.7490, -39.3163, 57.2251



64.9410, -17.7189, -56.9533



81.4540, 48.0902, -71.4352

Rectangle

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



80.6430, 28.7700, 59.0721



59.5410, -3.2247, 101.2575



64.9410, -17.7189, -56.9533



77.3040, 22.0351, -67.7956

Sweetspot

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



80.6430, 28.7700, 59.0721



164.8300, 11.4228, 22.9511



50.2740, 48.1789, -6.3793



80.9230, 6.9400, 14.0995



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



80.6430, 28.7700, 59.0721



86.0920, 44.8176, 92.0043



74.3730, 4.7461, 64.5709



69.7770, 1.5889, 3.7036



55.7400, 35.1312, 72.1420



4.0160, 2.4571, 5.2480

Inverse Universe

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



80.6430, 28.7700, 59.0721



86.0920, 44.8176, 92.0043



108.6270, -4.7461, -64.5709



69.7770, 1.5889, 3.7036



55.7400, 35.1312, 72.1420



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 80.6430, 28.7700, 59.0721 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 80.6430, 28.7700, 59.0721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

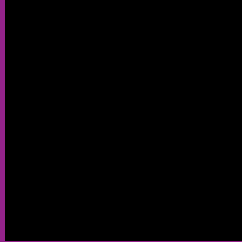
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.6430, 28.7700, 59.0721

Background



This preview shows how black text looks on a background with the YUV color 80.6430, 28.7700, 59.0721.



This preview shows how white text looks on a background with the YUV color 80.6430, 28.7700,

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

80.6430, 28.7700, 59.0721

Protanopia

69.7140, 53.8780, -61.1392

Deuteranopia

86.1500, 22.6041, -16.7945



Tritanopia

85.7780, -9.7506, 47.5527

Trichromacy



Original Color

80.6430, 28.7700, 59.0721

Protanomaly

73.5840, 44.5751, -17.1752

Deuteranomaly

84.0100, 25.1381, 10.5152

Tritanomaly

83.8830, 4.4947, 51.8456

Monochromacy



Original Color

80.6430, 28.7700, 59.0721

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.5910, 10.5546, 21.4067

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.6430, 28.7700, 59.0721 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(148, 35, 139)` looks like.

```
.text, #text, p{  
    color:rgb(148, 35, 139)  
}
```

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(148, 35, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 35, 139) }
```

Border

The CSS property to change the border of an element to YUV 80.6430, 28.7700, 59.0721 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(148, 35, 139) }
```


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

```
.border{ border-color:rgb(148, 35, 139) }
```

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

Here you see how a box with a 4 pixel rgb(148, 35, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 35, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 35, 139);  
box-shadow:4px 4px 4px 4px rgb(148, 35,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 80.6430, 28.7700, 59.0721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 35, 139) }
```

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

```
.background{ background-color: rgb(148, 35,  
139) }
```

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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