

Converting Colors

YUV(90.6060, 24.8442, 58.2275)

Have a look what the booklet for
YUV(90.6060, 24.8442, 58.2275)
contains.

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Color

**YUV(90.6060, 24.8442,
58.2275)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2F8D
RGB	157, 47, 141
RGB Percent	62%, 18%, 55%
CMY	0.3843, 0.8157, 0.4471
CMYK	0.00, 0.70, 0.10, 0.38
HSL	309°, 54%, 40%
HSV	309°, 70%, 62%
XYZ	19.7289, 11.1242, 26.3067
YIQ	90.6060, 35.3860, 52.5540

Conversions

Conversions Part 2

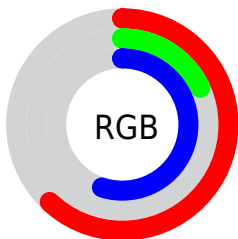
Format	Color
R_{YB}	157, 47, 141
Decimal	10301325
CIE _{Lab}	39.79, 55.58, -28.38
CIE _{LCh}	40, 62.402, 332.950
Yxy	11.1242, 0.3452, 0.1946
Android (android.graphics.Color)	4288491405 (0xFF9D2F8D)
YUV	90.6060, 24.8442, 58.2275
Hunter-Lab	33.3530, 47.2181, -23.4170

Details

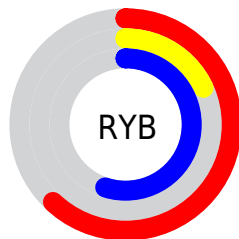
The YUV color **90.6060, 24.8442, 58.2275** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **113.3940, -24.8442, -58.2275**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6770, 23.8232, 59.0423**, and **40.7580, 24.2763, 53.7092** is the 20% darker color. If you saturate the color by 10%, you get **80.9860, 28.6009, 66.6643**, and if you desaturate by 10%, it is **100.2260, 21.0876, 49.7908**.

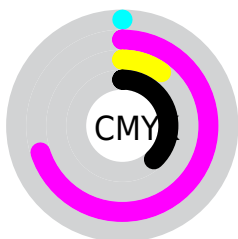
Distribution



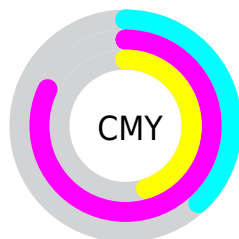
- Red (62%)
- Green (18%)
- Blue (55%)



- Red (62%)
- Yellow (18%)
- Blue (55%)



- Cyan (0%)
- Magenta (70%)
- Yellow (10%)
- Black (38%)





- Cyan (38%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.6060, 24.8442, 58.2275 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 90.6060, 24.8442, 58.2275 by changing the saturation by 10% instead.


 90.6060, 24.8442,
58.2275


 90.6060, 24.8442,
58.2275


255.0000, 0.0000,
0.0000


 57.5510, 28.3224,
62.6608


 146.6770, 23.8232,
59.0423


 40.7580, 24.2763,
53.7092


 174.6880, 23.8178,
60.7866


 30.0630, 18.2099,
39.4097

 197.7190, 26.7605,
50.2354

 20.5640, 11.5539,
27.5694

 214.4970, 19.9680,
35.5211

 7.5910, 7.1036,
8.2517

 230.9330, 11.8650,
21.1068

 0.0000, 0.0000,
0.0000

 248.5430, 3.1833,

5.6628

■ 90.6060, 24.8442,
58.2275

■ 90.6060, 24.8442,
58.2275

■ 80.9860, 28.6009,
66.6643

■ 100.2260, 21.0876,
49.7908

■ 71.8390, 31.6314,
74.6862

■ 109.3730, 18.0571,
41.7689

■ 62.2190, 35.3880,
83.1229

■ 118.9930, 14.3005,
33.3321

■ 128.6130, 10.5438,
24.8954

■ 138.2330, 6.7871,
16.4587

■ 147.3800, 3.7567,
8.4367

■ 157.0000, 0.0000,
0.0000

■ 166.6200, -3.7567,
-8.4367

■ 175.7670, -6.7871,
-16.4587

Harmonies

Analogous

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



94.1240, 42.3369, 0.7683



90.6060, 24.8442, 58.2275



77.6950, 6.5594, 89.7215

Triad

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



90.6060, 24.8442, 58.2275



87.4810, -43.1281, 19.7492



84.3770, 31.3661, -73.9986

Complementary

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



90.6060, 24.8442, 58.2275



113.3940, -24.8442, -58.2275

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.



78.6770, 9.5262, -68.9997



90.6060, 24.8442, 58.2275



79.2650, -39.0776, -19.5264

Square

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



90.6060, 24.8442, 58.2275



87.7010, -43.2366, 54.6362



71.3470, -13.4821, -62.5713



86.2470, 48.6852, -75.6386

Rectangle

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



90.6060, 24.8442, 58.2275



80.3900, -11.0383, 87.3580



71.3470, -13.4821, -62.5713



83.1400, 24.0880, -72.9138

Sweetspot

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



90.6060, 24.8442, 58.2275



178.0750, 9.8230, 22.7362



64.0250, 45.8367, -1.7759



86.8690, 5.4876, 13.2699



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.



90.6060, 24.8442, 58.2275



100.7730, 38.5659, 90.5301



84.4500, 1.2571, 63.6263



74.1900, 1.8783, 4.2184



56.6650, 32.2102, 75.7158



5.9670, 3.4673, 7.9219

Inverse Universe

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



90.6060, 24.8442, 58.2275



100.7730, 38.5659, 90.5301



119.5500, -1.2571, -63.6263



74.1900, 1.8783, 4.2184



56.6650, 32.2102, 75.7158



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 90.6060, 24.8442, 58.2275 looks on a white background.

Color Contrast Check

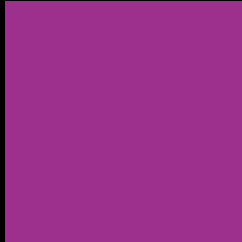
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.6060, 24.8442, 58.2275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

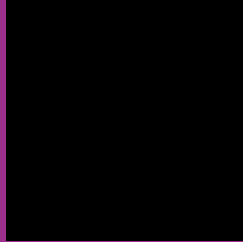
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.6060, 24.8442, 58.2275

Background



This preview shows how black text looks on a background with the YUV color 90.6060, 24.8442, 58.2275.



This preview shows how white text looks on a background with the YUV color 90.6060, 24.8442,

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

90.6060, 24.8442, 58.2275

Protanopia

88.2780, 45.2189, -37.0778

Deuteranopia

94.3740, 19.5356, -12.6060



Tritanopia

93.0880, -9.9034, 49.9118

Trichromacy



Original Color

90.6060, 24.8442, 58.2275



Protanomaly

89.2500, 37.8377, -2.8502



Deuteranomaly

93.1090, 21.6383, 13.0594



Tritanomaly

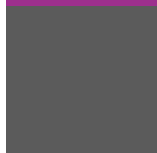
92.1390, 2.8895, 53.3751

Monochromacy



Original Color

90.6060, 24.8442, 58.2275



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

90.8360, 8.9549, 21.1918

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6060, 24.8442, 58.2275 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(157, 47, 141)` looks like.

```
.text, #text, p{  
    color:rgb(157, 47, 141)  
}
```

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(157, 47, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 47, 141) }
```

Border

The CSS property to change the border of an element to YUV 90.6060, 24.8442, 58.2275 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(157, 47, 141) }
```


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

```
.border{ border-color:rgb(157, 47, 141) }
```

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

Here you see how a box with a 4 pixel rgb(157, 47, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 47, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 47, 141);  
box-shadow:4px 4px 4px 4px rgb(157, 47,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 90.6060, 24.8442, 58.2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 47, 141) }
```

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

```
.background{ background-color: rgb(157, 47,  
141) }
```

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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