

Converting Colors

YUV(90.0360, 22.6603, 58.7274)

Have a look what the booklet for
YUV(90.0360, 22.6603, 58.7274)
contains.

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Color

**YUV(90.0360, 22.6603,
58.7274)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2F88
RGB	157, 47, 136
RGB Percent	62%, 18%, 53%
CMY	0.3843, 0.8157, 0.4667
CMYK	0.00, 0.70, 0.13, 0.38
HSL	311°, 54%, 40%
HSV	311°, 70%, 62%
XYZ	19.3651, 10.9787, 24.3910
YIQ	90.0360, 36.9910, 50.9990

Conversions

Conversions Part 2

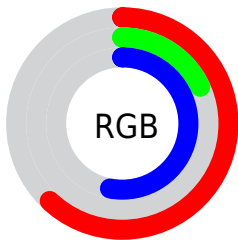
Format	Color
R_{YB}	157, 47, 136
Decimal	10301320
CIE _{Lab}	39.54, 54.80, -25.70
CIE _{LCh}	40, 60.525, 334.874
Yxy	10.9787, 0.3538, 0.2006
Android (android.graphics.Color)	4288491400 (0xFF9D2F88)
YUV	90.0360, 22.6603, 58.7274
Hunter-Lab	33.1341, 46.3387, -20.4512

Details

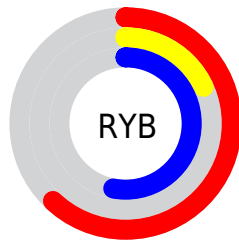
The YUV color **90.0360, 22.6603, 58.7274** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **113.9640, -22.6603, -58.7274**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5200, 21.9286, 60.0570**, and **40.3020, 22.5291, 54.1091** is the 20% darker color. If you saturate the color by 10%, you get **80.3020, 25.9801, 67.2641**, and if you desaturate by 10%, it is **99.7700, 19.3404, 50.1907**.

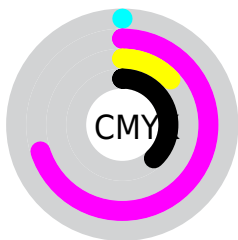
Distribution



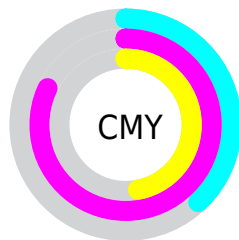
- Red (62%)
- Green (18%)
- Blue (53%)



- Red (62%)
- Yellow (18%)
- Blue (53%)



- Cyan (0%)
- Magenta (70%)
- Yellow (13%)
- Black (38%)





- Cyan (38%)
- Magenta (82%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.0360, 22.6603, 58.7274 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 90.0360, 22.6603, 58.7274 by changing the saturation by 10% instead.


 90.0360, 22.6603,
58.7274


 90.0360, 22.6603,
58.7274


255.0000, 0.0000,
0.0000


 57.5680, 25.8490,
62.6459


 145.5200, 21.9286,
60.0570


 40.3020, 22.5291,
54.1091


 174.1180, 21.6338,
61.2865


 29.4930, 16.0260,
39.9096

 196.4480, 24.4291,
51.3501

 20.1080, 9.8068,
27.9693

 213.9100, 20.2574,
36.0359

 6.7220, 5.0671,
8.1368

 230.9330, 11.8650,
21.1068

 0.0000, 0.0000,
0.0000

 247.9560, 3.4727,

6.1776

■ 90.0360, 22.6603,
58.7274

■ 90.0360, 22.6603,
58.7274

■ 80.3020, 25.9801,
67.2641

■ 99.7700, 19.3404,
50.1907

■ 71.1550, 29.0106,
75.2861

■ 108.9170, 16.3099,
42.1688

■ 61.4210, 32.3304,
83.8228

■ 118.6510, 12.9901,
33.6321

■ 128.3850, 9.6702,
25.0954

■ 138.1190, 6.3503,
16.5586

■ 147.2660, 3.3199,
8.5367

■ 157.0000, 0.0000,
0.0000

■ 166.7340, -3.3199,
-8.5367

■ 175.8810, -6.3503,
-16.5586

Harmonies

Analogous

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



94.7610, 39.5578, 5.4716



90.0360, 22.6603, 58.7274



79.5760, 3.6600, 86.3178

Triad

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



90.0360, 22.6603, 58.7274



86.8720, -42.8279, 16.7753



83.9040, 32.0923, -73.5838

Complementary

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



90.0360, 22.6603, 58.7274



113.9640, -22.6603, -58.7274

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.



78.3180, 10.6892, -68.6849



90.0360, 22.6603, 58.7274



78.3680, -38.6354, -21.3707

Square

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



90.0360, 22.6603, 58.7274



87.0920, -42.9364, 51.6623



71.2160, -11.4455, -62.4564



84.8450, 48.3904, -74.4091

Rectangle

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



90.0360, 22.6603, 58.7274



81.7870, -13.2060, 82.6248



71.2160, -11.4455, -62.4564



82.1940, 25.5404, -72.0841

Sweetspot

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



90.0360, 22.6603, 58.7274



177.8470, 8.9494, 22.9362



65.5200, 45.0996, 1.2980



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.



90.0360, 22.6603, 58.7274



99.8610, 35.0715, 91.3299



83.8800, -0.9268, 64.1262



74.1900, 1.8783, 4.2184



55.9810, 29.5894, 76.3157



5.8530, 3.0305, 8.0219

Inverse Universe

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



90.0360, 22.6603, 58.7274



99.8610, 35.0715, 91.3299



120.1200, 0.9268, -64.1262



74.1900, 1.8783, 4.2184



55.9810, 29.5894, 76.3157



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 90.0360, 22.6603, 58.7274 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 90.0360, 22.6603, 58.7274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

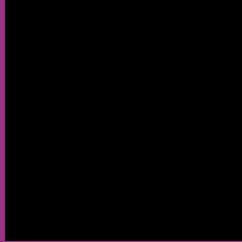
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0360, 22.6603, 58.7274

Background



This preview shows how black text looks on a background with the YUV color 90.0360, 22.6603, 58.7274.



This preview shows how white text looks on a background with the YUV color 90.0360, 22.6603,

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

90.0360, 22.6603, 58.7274

Protanopia

88.8010, 42.0031, -32.2745

Deuteranopia

94.1140, 17.1988, -9.7470



Tritanopia

92.5720, -10.6350, 51.2414

Trichromacy



Original Color

90.0360, 22.6603, 58.7274

Protanomaly

89.1750, 34.9167, 0.7235

Deuteranomaly

92.5500, 19.4489, 15.3037

Tritanomaly

91.7970, 1.5791, 53.6750

Monochromacy



Original Color

90.0360, 22.6603, 58.7274

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7220, 8.5181, 21.2918

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0360, 22.6603, 58.7274 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(157, 47, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 47, 136) }
```

Border

The CSS property to change the border of an element to YUV 90.0360, 22.6603, 58.7274 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, 136) }
```


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

```
.border{ border-color:rgb(157, 47, 136) }
```

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, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 47, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 47, 136);  
box-shadow:4px 4px 4px 4px rgb(157, 47,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 90.0360, 22.6603, 58.7274 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, 136) }
```

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

```
.background{ background-color: rgb(157, 47,  
136) }
```

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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