

Converting Colors

YUV(90.0080, 62.1141, 50.8590)

Have a look what the booklet for
YUV(90.0080, 62.1141, 50.8590)
contains.

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Color

**YUV(90.0080, 62.1141,
50.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	9424D8
RGB	148, 36, 216
RGB Percent	58%, 14%, 85%
CMY	0.4196, 0.8588, 0.1529
CMYK	0.31, 0.83, 0.00, 0.15
HSL	277°, 71%, 49%
HSV	277°, 83%, 85%
XYZ	25.2383, 12.5155, 66.0513
YIQ	90.0080, 8.9720, 79.7240

Conversions

Conversions Part 2

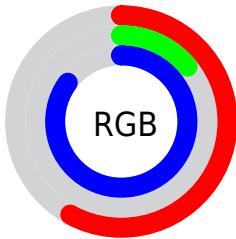
Format	Color
R_{YB}	148, 36, 216
Decimal	9708760
CIE _{Lab}	42.02, 71.27, -69.26
CIE _{LCh}	42, 99.383, 315.818
Yxy	12.5155, 0.2431, 0.1206
Android (android.graphics.Color)	4287898840 (0xFF9424D8)
YUV	90.0080, 62.1141, 50.8590
Hunter-Lab	35.3773, 65.4323, -85.9335

Details

The YUV color **90.0080, 62.1141, 50.8590** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **161.9920, -62.1141, -50.8590**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9020, 52.7993, 51.8289**, and **44.8510, 56.7685, 38.7187** is the 20% darker color. If you saturate the color by 10%, you get **74.7020, 69.6599, 57.2663**, and if you desaturate by 10%, it is **105.3140, 54.5682, 44.4516**.

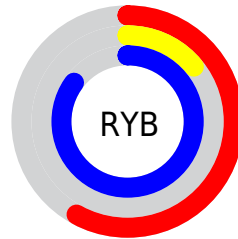
Distribution



Red (58%)

Green (14%)

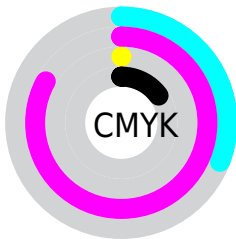
Blue (85%)



Red (58%)

Yellow (14%)

Blue (85%)

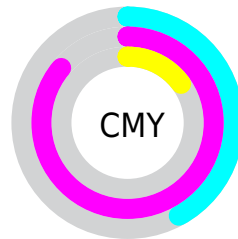


Cyan (31%)

Magenta (83%)

Yellow (0%)

Black (15%)



Cyan (42%)


Magenta (86%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.0080, 62.1141, 50.8590 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 90.0080, 62.1141, 50.8590 by changing the saturation by 10% instead.


 90.0080, 62.1141,
50.8590


 90.0080, 62.1141,
50.8590


255.0000, 0.0000,
0.0000


 57.0130, 64.5766,
54.3626


 147.9020, 52.7993,
51.8289


 44.8510, 56.7685,
38.7187


 173.6070, 40.1267,
56.4727


 32.5040, 49.5445,
22.3600


 195.7130, 29.2285,
51.9947

 19.6730, 43.0522,
4.6718

 212.1490, 21.1255,
37.5803

 9.2340, 35.3806,
-8.0982

 229.1720, 12.7332,
22.6512

 9.4330, 23.4505,
-8.2727

 246.7820, 4.0515,

 5.1640, 14.7091,

7.2072

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 90.0080, 62.1141,
50.8590

■ 90.0080, 62.1141,
50.8590

■ 74.7020, 69.6599,
57.2663

■ 105.3140, 54.5682,
44.4516

■ 64.6900, 74.5958,
60.7849

■ 120.0330, 47.3117,
38.5591

■ 135.3390, 39.7659,
32.1517

■ 150.3570, 32.3620,
26.8739

■ 165.6630, 24.8161,
20.4665

■ 180.9690, 17.2703,
14.0592

■ 195.6880, 10.0138,
8.1666

■ 210.9940, 2.4680,
1.7593

■ 225.7130, -4.7885,
-4.1333

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



90.0080, 62.1141, 50.8590



81.3700, 29.8906, 119.8245

Triad

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



90.0080, 62.1141, 50.8590



93.2940, -45.9939, 52.3622



91.9110, 24.6939, -80.6059

Complementary

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



90.0080, 62.1141, 50.8590



161.9920, -62.1141, -50.8590

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.



80.8190, -12.7288, -70.8783



90.0080, 62.1141, 50.8590



87.9030, -43.3362, -6.9309

Square

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



90.0080, 62.1141, 50.8590



61.2950, -30.2184, 126.0293



71.0270, -35.0163, -62.2907



100.5750, 57.8905, -88.2043

Rectangle

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



90.0080, 62.1141, 50.8590



79.4000, 4.2398, 133.8302



71.0270, -35.0163, -62.2907



88.1320, 12.7529, -77.2918

Sweetspot

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



90.0080, 62.1141, 50.8590



210.2560, 22.0588, 18.1925



97.0230, 58.6557, -53.5172



100.6220, 13.4974, 10.8555



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



90.0080, 62.1141, 50.8590



76.6110, 87.9458, 72.2552



107.9460, 42.9176, 94.7634



99.3470, 3.7729, 3.2037



51.1880, 59.0673, 48.0701



12.9750, 14.8023, 12.2999

Inverse Universe

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



97.5720, 3.1690, 103.8614



87.1890, 4.3438, 147.1702



144.0540, -42.9176, -94.7634



99.7450, 0.1257, 6.3626



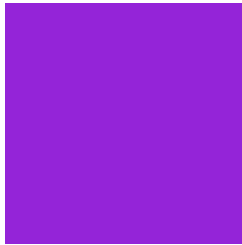
58.5390, 3.1853, 98.6283



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 90.0080, 62.1141, 50.8590 looks on a white background.

Color Contrast Check

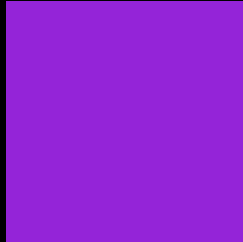
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.0080, 62.1141, 50.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

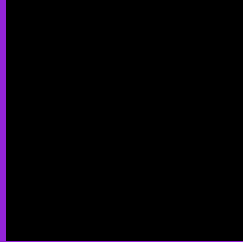
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0080, 62.1141, 50.8590

Background



This preview shows how black text looks on a background with the YUV color 90.0080, 62.1141, 50.8590.



This preview shows how white text looks on a background with the YUV color 90.0080, 62.1141,

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

90.0080, 62.1141, 50.8590

Protanopia

79.4940, 60.8885, -69.7162

Deuteranopia

79.9380, 47.3586, -70.1056



Tritanopia

101.1600, -2.5439, 22.6617

Trichromacy



Original Color

90.0080, 62.1141, 50.8590



Protanomaly

83.2960, 61.4791, -25.6926



Deuteranomaly

83.7060, 52.8959, -26.0522



Tritanomaly

97.4150, 20.9944, 32.9620

Monochromacy



Original Color

90.0080, 62.1141, 50.8590



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

89.7830, 22.7850, 18.6073

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0080, 62.1141, 50.8590 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, 36, 216)` looks like.

```
.text, #text, p{  
    color:rgb(148, 36, 216)  
}
```

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, 36, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 36, 216) }
```

Border

The CSS property to change the border of an element to YUV 90.0080, 62.1141, 50.8590 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, 36, 216) }
```


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

```
.border{ border-color:rgb(148, 36, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 36, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 36, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 36, 216);  
box-shadow:4px 4px 4px 4px rgb(148, 36,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 90.0080, 62.1141, 50.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 36, 216) }
```

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

```
.background{ background-color: rgb(148, 36,  
216) }
```

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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