

Converting Colors

YUV(90.9780, 34.0278, 52.6393)

Have a look what the booklet for
YUV(90.9780, 34.0278, 52.6393)
contains.

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Color

**YUV(90.9780, 34.0278,
52.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	972FA0
RGB	151, 47, 160
RGB Percent	59%, 18%, 63%
CMY	0.4078, 0.8157, 0.3725
CMYK	0.06, 0.71, 0.00, 0.37
HSL	295°, 55%, 41%
HSV	295°, 71%, 63%
XYZ	20.1242, 11.1504, 34.3493
YIQ	90.9780, 25.7110, 57.1910

Conversions

Conversions Part 2

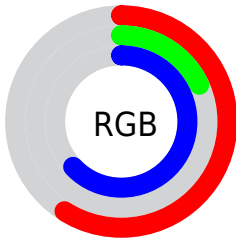
Format	Color
R_{YB}	151, 47, 160
Decimal	9908128
CIE _{Lab}	39.83, 57.35, -39.89
CIE _{LCh}	40, 69.858, 325.182
Yxy	11.1504, 0.3067, 0.1699
Android (android.graphics.Color)	4288098208 (0xFF972FA0)
YUV	90.9780, 34.0278, 52.6393
Hunter-Lab	33.3922, 49.1385, -37.6148

Details

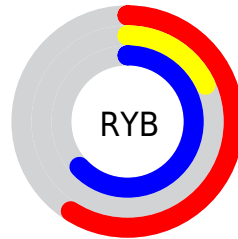
The YUV color **90.9780, 34.0278, 52.6393** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **116.0220, -34.0278, -52.6393**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1630, 33.4436, 53.3540**, and **41.0160, 33.0231, 48.2210** is the 20% darker color. If you saturate the color by 10%, you get **81.2870, 38.8055, 60.2613**, and if you desaturate by 10%, it is **100.6690, 29.2502, 45.0173**.

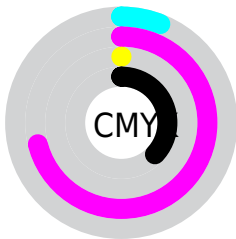
Distribution



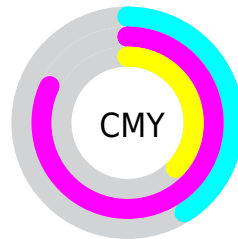
- Red (59%)
- Green (18%)
- Blue (63%)



- Red (59%)
- Yellow (18%)
- Blue (63%)



- Cyan (6%)
- Magenta (71%)
- Yellow (0%)
- Black (37%)



- Cyan (41%)
- Magenta (82%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9780, 34.0278, 52.6393 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 90.9780, 34.0278, 52.6393 by changing the saturation by 10% instead.

90.9780, 34.0278,
52.6393

90.9780, 34.0278,
52.6393

255.0000, 0.0000,
0.0000

57.8090, 37.0692,
57.1725

147.1630, 33.4436,
53.3540

41.0160, 33.0231,
48.2210

174.9890, 34.0224,
54.3836

30.3920, 25.9357,
34.7362

197.4740, 28.3603,
50.4503

20.8930, 19.2798,
22.8958

214.4970, 19.9680,
35.5211

6.3110, 15.1297,
0.6043

230.9330, 11.8650,
21.1068

1.3680, 5.2416,
-1.1997

248.5430, 3.1833,

0.0000, 0.0000,

5.6628

0.0000

■ 90.9780, 34.0278,
52.6393

■ 90.9780, 34.0278,
52.6393

■ 81.2870, 38.8055,
60.2613

■ 100.6690, 29.2502,
45.0173

■ 71.2970, 43.7306,
67.2685

■ 110.6590, 24.3251,
38.0101

■ 62.1930, 48.2189,
74.3757

■ 120.3500, 19.5475,
30.3881

■ 130.0410, 14.7698,
22.7660

■ 139.7320, 9.9921,
15.1440

■ 149.7220, 5.0671,
8.1368

■ 159.4130, 0.2894,
0.5148

■ 169.1040, -4.4883,
-7.1072

■ 178.7950, -9.2659,
-14.7292

Harmonies

Analogous

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



88.4500, 54.5012, -27.5816



90.9780, 34.0278, 52.6393



67.6980, 18.8829, 103.7509

Triad

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



90.9780, 34.0278, 52.6393



89.0200, -43.8869, 29.8005



84.7530, 27.7298, -74.3284

Complementary

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



90.9780, 34.0278, 52.6393



116.0220, -34.0278, -52.6393

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.



78.1410, 2.3955, -68.5297



90.9780, 34.0278, 52.6393



81.9670, -40.4097, -12.2491

Square

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



90.9780, 34.0278, 52.6393



84.5440, -41.6802, 68.8059



68.2690, -25.2756, -59.8719



88.9370, 48.8381, -77.9977

Rectangle

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



90.9780, 34.0278, 52.6393



64.5620, 1.6949, 110.0091



68.2690, -25.2756, -59.8719



82.5870, 19.4306, -72.4288

Sweetspot

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



90.9780, 34.0278, 52.6393



182.2750, 13.1754, 20.8068



65.1650, 46.7537, -15.9307



88.2540, 8.2558, 12.0552



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



90.9780, 34.0278, 52.6393



100.3280, 53.5753, 83.0273



88.3110, 12.1717, 62.8713



74.0050, 2.4625, 3.5036



55.4710, 43.1518, 66.2389



5.8960, 4.4883, 7.1072

Inverse Universe

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



81.8130, -12.7258, 68.5700



85.9320, -19.6865, 107.9306



118.6890, -12.1717, -62.8713



73.5060, -0.7425, 4.8182



44.0110, -16.2744, 86.8134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 90.9780, 34.0278, 52.6393 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 90.9780, 34.0278, 52.6393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

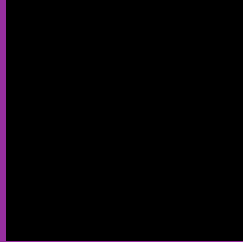
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9780, 34.0278, 52.6393

Background



This preview shows how black text looks on a background with the YUV color 90.9780, 34.0278, 52.6393.



This preview shows how white text looks on a background with the YUV color 90.9780, 34.0278,

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

90.9780, 34.0278, 52.6393

Protanopia

75.5330, 58.4042, -66.2424

Deuteranopia

91.3320, 29.9093, -26.6012



Tritanopia

94.7170, -7.2555, 40.5902

Trichromacy



Original Color

90.9780, 34.0278, 52.6393



Protanomaly

81.2180, 49.6855, -22.9932



Deuteranomaly

91.5620, 31.2749, 2.1381



Tritanomaly

93.3490, 7.7159, 45.2979

Monochromacy



Original Color

90.9780, 34.0278, 52.6393



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

91.0360, 12.3073, 19.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9780, 34.0278, 52.6393 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(151, 47, 160)` looks like.

```
.text, #text, p{  
    color:rgb(151, 47, 160)  
}
```

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(151, 47, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 47, 160) }
```

Border

The CSS property to change the border of an element to YUV 90.9780, 34.0278, 52.6393 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(151, 47, 160) }
```


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

```
.border{ border-color:rgb(151, 47, 160) }
```

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

Here you see how a box with a 4 pixel rgb(151, 47, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 47, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 47, 160);  
box-shadow:4px 4px 4px 4px rgb(151, 47,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 90.9780, 34.0278, 52.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 47, 160) }
```

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

```
.background{ background-color: rgb(151, 47,  
160) }
```

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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