

Converting Colors

XYZ(34.0441, 26.4347, 75.5127)

Have a look what the booklet for
XYZ(34.0441, 26.4347, 75.5127)
contains.

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Color

**XYZ(33.9473, 26.4292,
75.2636)**

Conversions

Conversions Part 1

Format	Color
Hex	997BE2
RGB	153, 123, 226
RGB Percent	60%, 48%, 89%
CMY	0.4000, 0.5176, 0.1137
CMYK	0.32, 0.46, 0.00, 0.11
HSL	257°, 64%, 68%
HSV	257°, 46%, 89%
XYZ	33.9473, 26.4292, 75.2636
YIQ	143.7120, -15.1830, 38.3930

Conversions

Conversions Part 2

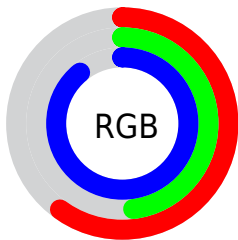
Format	Color
R_{YB}	153, 123, 226
Decimal	10058722
CIE _{Lab}	58.44, 33.88, -48.49
CIE _{LCh}	58, 59.152, 304.944
Yxy	26.4292, 0.2503, 0.1948
Android (android.graphics.Color)	4288248802 (0xFF997BE2)
YUV	143.7120, 40.5680, 8.1456
Hunter-Lab	51.4093, 27.9032, -50.8144

Details

The XYZ color **33.9473, 26.4292, 75.2636** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **53.5367, 67.5589, 28.9582**, and the grayscale version is **26.2410, 27.6075, 30.0646**.

A 20% lighter version of the original color is **60.1537, 51.9723, 101.4690**, and **14.6752, 10.2640, 39.2379** is the 20% darker color. If you saturate the color by 10%, you get **28.6377, 20.0000, 74.3030**, and if you desaturate by 10%, it is **40.3119, 34.3638, 76.4602**.

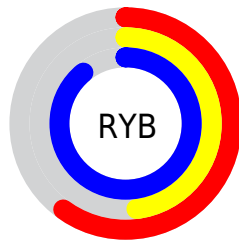
Distribution



Red (60%)

Green (48%)

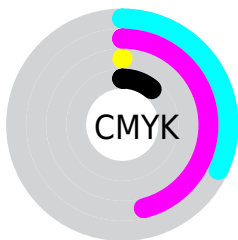
Blue (89%)



Red (60%)

Yellow (48%)

Blue (89%)

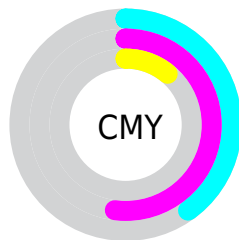


Cyan (32%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (52%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9473, 26.4292, 75.2636 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 XYZ color 33.9473, 26.4292, 75.2636 by changing the saturation by 10% instead.

■ 33.9473, 26.4292,
75.2636

■ 33.9473, 26.4292,
75.2636

311.4871,
284.8827, 498.1027

■ 23.0158, 17.1450,
55.3258

■ 65.1965, 53.9665,
128.4360

■ 14.7259, 10.3379,
39.2623

■ 86.2450, 72.9885,
162.5076

■ 8.7123, 5.6236,
26.6544

■ 111.3965, 96.0251,
202.1277

■ 4.6096, 2.6176,
17.0837

141.0164,
123.4609, 247.7147

■ 2.0525, 0.9355,
10.1316

175.4701,
155.6801, 299.6871

■ 0.6632, 0.0000,
5.3796

215.1228,

■ 0.0000, 0.0000,

193.0672, 358.4636

2.4090

260.3400,
236.0066, 424.4626

■ 0.0000, 0.0000,
0.7914

■ 0.0000, 0.0000,
0.0000

■ 33.9473, 26.4292,
75.2636

■ 33.9473, 26.4292,
75.2636

■ 28.6377, 20.0000,
74.3030

■ 40.3119, 34.3638,
76.4602

■ 24.3187, 14.9745,
73.5606

■ 47.7843, 43.8901,
77.9051

■ 20.9234, 11.2430,
73.0193

■ 56.4175, 55.0917,
79.6122

■ 18.3740, 8.6774,
72.6585

■ 66.2600, 68.0452,
81.5937

■ 16.5775, 7.1214,
72.4528

■ 77.3573, 82.8222,
83.8611

■ 15.9628, 6.6433,
72.3929

■ 88.5925, 97.1704,
86.0384

■ 90.7276, 98.2710,
86.1383

Harmonies

Analogous

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



26.3366, 26.4292, 89.4025



33.9473, 26.4292, 75.2636



39.9241, 26.4292, 49.1297

Triad

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



33.9473, 26.4292, 75.2636



31.4750, 26.4292, 5.6876



13.6657, 26.4292, 32.3439

Complementary

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



33.9473, 26.4292, 75.2636



53.5367, 67.5589, 28.9582

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.



14.5197, 26.4292, 15.0017



33.9473, 26.4292, 75.2636



23.9418, 26.4292, 4.5526

Square

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



33.9473, 26.4292, 75.2636



38.3156, 26.4292, 11.4741



17.9735, 26.4292, 6.9322



15.3664, 26.4292, 58.1113

Rectangle

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



33.9473, 26.4292, 75.2636



41.6554, 26.4292, 32.4276



17.9735, 26.4292, 6.9322



13.6673, 26.4292, 25.4110

Sweetspot

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



33.9483, 26.4302, 75.2642



75.9963, 74.8129, 105.0426



41.8212, 49.5520, 79.3122



15.6992, 15.2712, 22.3702



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



33.9483, 26.4302, 75.2642



37.7856, 26.4527, 97.7221



45.6262, 32.4504, 75.8107



13.3253, 13.4357, 17.2787



9.2094, 3.8429, 41.3047



0.7257, 0.3114, 2.8671

Inverse Universe

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



48.4113, 34.3209, 56.2974



59.4988, 38.3272, 67.9798



42.5051, 61.8719, 28.4419



14.1160, 13.8640, 16.3808



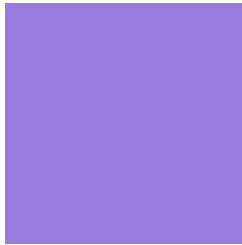
21.5757, 10.6973, 20.2293



1.5339, 0.7568, 1.6043

Previews

White Background



This preview shows how the XYZ color 33.9473, 26.4292, 75.2636 looks on a white background.

Color Contrast Check

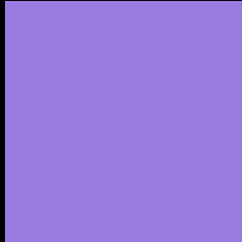
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 33.9473, 26.4292, 75.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

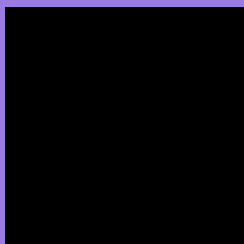
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.9473, 26.4292, 75.2636

Background



This preview shows how black text looks on a background with the XYZ color 33.9473, 26.4292, 75.2636.



This preview shows how white text looks on a background with the XYZ color 33.9473, 26.4292,

75.2636.

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

33.9473, 26.4292, 75.2636

Protanopia

29.4554, 26.6647, 85.2557

Deuteranopia

27.4290, 26.7566, 72.8261



Tritanopia

25.4452, 26.3938, 33.0316

Trichromacy



Original Color

33.9473, 26.4292, 75.2636

Protanomaly

30.4387, 26.2249, 81.2995

Deuteranomaly

29.0468, 26.0909, 73.3172

Tritanomaly

27.8887, 26.1042, 45.6882

Monochromacy



Original Color

33.9473, 26.4292, 75.2636

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.4768, 26.8674, 43.7294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9473, 26.4292, 75.2636 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(153, 123, 226)` looks like.

```
.text, #text, p{  
    color:rgb(153, 123, 226)  
}
```

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(153, 123, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 123, 226) }
```

Border

The CSS property to change the border of an element to XYZ 33.9473, 26.4292, 75.2636 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(153, 123, 226) }
```


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

```
.border{ border-color:rgb(153, 123, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 123, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 123, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 123, 226); box-shadow:4px 4px 4px 4px rgb(153, 123, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9473, 26.4292, 75.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 123, 226) }
```

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

```
.background{ background-color: rgb(153,  
123, 226) }
```

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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