

Converting Colors

XYZ(33.5322, 26.2714, 43.5530)

Have a look what the booklet for
XYZ(33.5322, 26.2714, 43.5530)
contains.

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Color

**XYZ(33.5282, 26.1947,
43.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	B677AE
RGB	182, 119, 174
RGB Percent	71%, 47%, 68%
CMY	0.2863, 0.5333, 0.3176
CMYK	0.00, 0.35, 0.04, 0.29
HSL	308°, 30%, 59%
HSV	308°, 35%, 71%
XYZ	33.5282, 26.1947, 43.3334
YIQ	144.1070, 19.8930, 30.4610

Conversions

Conversions Part 2

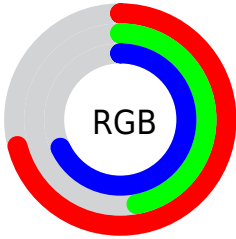
Format	Color
R_{YB}	182, 119, 174
Decimal	11958190
CIE _{Lab}	58.22, 33.37, -19.15
CIE _{LCh}	58, 38.469, 330.154
Yxy	26.1947, 0.3253, 0.2542
Android (android.graphics.Color)	4290148270 (0xFFB677AE)
YUV	144.1070, 14.7372, 33.2322
Hunter-Lab	51.1808, 27.3679, -14.3728

Details

The XYZ color **33.5282, 26.1947, 43.3334** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.1675, 38.9110, 26.1061**, and the grayscale version is **26.4899, 27.8695, 30.3498**.

A 20% lighter version of the original color is **64.6321, 53.5689, 81.7963**, and **14.4814, 10.2259, 19.2997** is the 20% darker color. If you saturate the color by 10%, you get **31.3429, 22.1812, 41.5030**, and if you desaturate by 10%, it is **36.1338, 31.0416, 45.3236**.

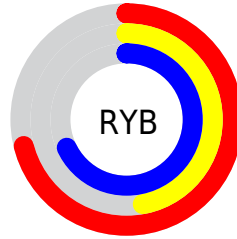
Distribution



Red (71%)

Green (47%)

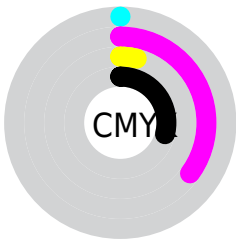
Blue (68%)



Red (71%)

Yellow (47%)

Blue (68%)

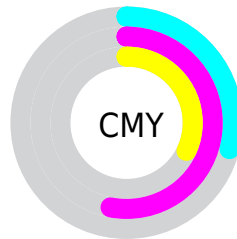


Cyan (0%)

Magenta (35%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5282, 26.1947, 43.3334 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 33.5282, 26.1947, 43.3334 by changing the saturation by 10% instead.

■ 33.5282, 26.1947,
43.3334

■ 33.5282, 26.1947,
43.3334

309.6462,
283.7365, 375.9425

■ 22.6926, 16.9694,
29.8135

■ 64.5485, 53.5889,
81.5055

■ 14.4861, 10.2126,
19.4462

■ 85.4638, 72.5265,
106.9947

■ 8.5435, 5.5402,
11.8131

■ 110.4698, 95.4703,
137.3107

■ 4.4993, 2.5676,
6.4955

139.9317,
122.8048, 172.8722

■ 1.9883, 0.9104,
3.0750

174.2150,
154.9142, 214.0975

■ 0.6274, 0.0000,
1.1331

213.6849,

■ 0.0000, 0.0000,

192.1831, 261.4053

0.0000

258.7069,
234.9957, 315.2142

■ 33.5282, 26.1947,
43.3334

■ 33.5282, 26.1947,
43.3334

■ 31.3429, 22.1812,
41.5030

■ 36.1338, 31.0416,
45.3236

■ 29.5517, 18.9501,
39.8227

■ 39.1790, 36.7622,
47.4793

■ 28.1291, 16.4502,
38.2843


■ 42.6852, 43.3982,
49.8079


■ 27.0459, 14.6229,
36.8778


■ 46.6713, 50.9879,
52.3159


■ 26.2681, 13.4004,
35.5919


■ 51.1553, 59.5671,
55.0094


 25.7549, 12.7007,
34.4128

 56.1543, 69.1699,
57.8942

 25.5399, 12.4445,
33.8059

 61.6846, 79.8289,
60.9757

 64.6206, 85.2928,
63.2123

 64.8796, 85.3964,
64.5764

Harmonies

Analogous

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



29.6869, 26.1947, 57.0452



33.5282, 26.1947, 43.3334



35.0019, 26.1947, 28.4525

Triad

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



33.5282, 26.1947, 43.3334



24.8732, 26.1947, 9.7571



17.9107, 26.1947, 43.4918

Complementary

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



33.5282, 26.1947, 43.3334



28.1675, 38.9110, 26.1061

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.



16.9526, 26.1947, 28.5907



33.5282, 26.1947, 43.3334



20.6527, 26.1947, 11.5606

Square

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



33.5282, 26.1947, 43.3334



29.6399, 26.1947, 11.5228



17.8913, 26.1947, 17.5401



20.6896, 26.1947, 57.1550

Rectangle

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



33.5282, 26.1947, 43.3334



34.3164, 26.1947, 20.5454



17.8913, 26.1947, 17.5401



17.3817, 26.1947, 38.3336

Sweetspot

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



33.5290, 26.1959, 43.3339



73.7501, 71.7865, 87.9153



23.6974, 21.0346, 47.0676



16.0957, 15.4897, 19.2884



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.5290, 26.1959, 43.3339



57.5214, 41.4866, 75.8538



30.8585, 25.1277, 29.2711



9.3305, 9.1426, 11.0879



18.0528, 8.7949, 23.9628



0.6502, 0.3156, 0.9176

Inverse Universe

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



33.5290, 26.1959, 43.3339



57.5214, 41.4866, 75.8538



30.4953, 39.8421, 38.3641



9.3305, 9.1426, 11.0879



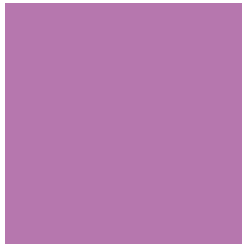
18.0528, 8.7949, 23.9628



0.6502, 0.3156, 0.9176

Previews

White Background



This preview shows how the XYZ color 33.5282, 26.1947, 43.3334 looks on a white background.

Color Contrast Check

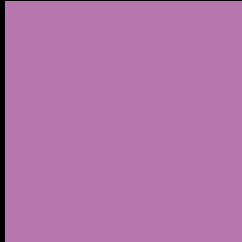
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5282, 26.1947, 43.3334 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 33.5282, 26.1947, 43.3334

Background



This preview shows how black text looks on a background with the XYZ color 33.5282, 26.1947, 43.3334.



This preview shows how white text looks on a background with the XYZ color 33.5282, 26.1947,

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

33.5282, 26.1947, 43.3334

Protanopia

26.9139, 26.5317, 51.2796

Deuteranopia

26.9438, 26.3206, 42.1884



Tritanopia

30.0363, 26.0464, 26.7369

Trichromacy



Original Color

33.5282, 26.1947, 43.3334

Protanomaly

28.6526, 26.0324, 48.3144

Deuteranomaly

28.9466, 25.9124, 42.5057

Tritanomaly

31.1784, 25.9516, 32.2200

Monochromacy



Original Color

33.5282, 26.1947, 43.3334

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.6809, 26.9636, 34.7032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5282, 26.1947, 43.3334 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(182, 119, 174)` looks like.

```
.text, #text, p{  
    color:rgb(182, 119, 174)  
}
```

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(182, 119, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 119, 174) }
```

Border

The CSS property to change the border of an element to XYZ 33.5282, 26.1947, 43.3334 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(182, 119, 174) }
```


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

```
.border{ border-color:rgb(182, 119, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 119, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 119, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 119, 174);  
box-shadow:4px 4px 4px 4px rgb(182, 119,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5282, 26.1947, 43.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 119, 174) }
```

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

```
.background{ background-color: rgb(182,  
119, 174) }
```

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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