

Converting Colors

XYZ(26.2477, 18.1694, 32.8960)

Have a look what the booklet for
XYZ(26.2477, 18.1694, 32.8960)
contains.

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Color

**XYZ(26.1997, 18.1358,
32.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	AB599A
RGB	171, 89, 154
RGB Percent	67%, 35%, 60%
CMY	0.3294, 0.6510, 0.3961
CMYK	0.00, 0.48, 0.10, 0.33
HSL	312°, 33%, 51%
HSV	312°, 48%, 67%
XYZ	26.1997, 18.1358, 32.6915
YIQ	120.9280, 28.0070, 37.5990

Conversions

Conversions Part 2

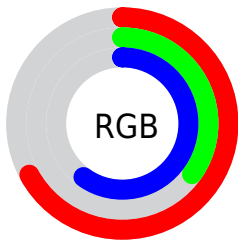
Format	Color
R_{YB}	171, 89, 154
Decimal	11229594
CIE _{Lab}	49.66, 42.38, -20.72
CIE _{LCh}	50, 47.176, 333.953
Yxy	18.1358, 0.3401, 0.2354
Android (android.graphics.Color)	4289419674 (0xFFAB599A)
YUV	120.9280, 16.3045, 43.9131
Hunter-Lab	42.5861, 35.2904, -15.7040

Details

The XYZ color **26.1997, 18.1358, 32.6915** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.2851, 32.2909, 18.7479**, and the grayscale version is **18.0940, 19.0363, 20.7306**.

A 20% lighter version of the original color is **53.1765, 40.4434, 65.3253**, and **10.4774, 6.1474, 13.4663** is the 20% darker color. If you saturate the color by 10%, you get **24.6477, 15.4971, 30.7388**, and if you desaturate by 10%, it is **28.0921, 21.4407, 34.8010**.

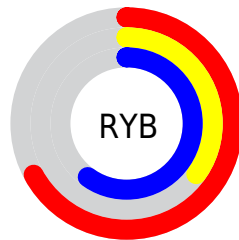
Distribution



Red (67%)

Green (35%)

Blue (60%)



Red (67%)

Yellow (35%)

Blue (60%)

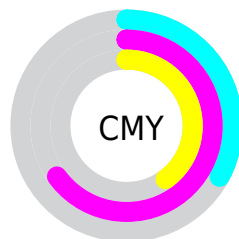


Cyan (0%)

Magenta (48%)

Yellow (10%)

Black (33%)



Cyan (33%)

Magenta (65%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1997, 18.1358, 32.6915 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 26.1997, 18.1358, 32.6915 by changing the saturation by 10% instead.

■ 26.1997, 18.1358,
32.6915

■ 26.1997, 18.1358,
32.6915

275.9998,
241.6354, 328.8466

■ 17.1066, 11.0475,
21.6210

■ 53.0259, 40.2686,
65.0040

■ 10.4063, 6.0988,
13.3831

■ 71.4898, 56.0819,
87.0832

■ 5.7335, 2.9053,
7.5590

■ 93.8078, 75.5723,
113.6690

■ 2.7228, 1.0825,
3.7304

■ 120.3456, 99.1243,
145.1800

■ 1.0089, 0.0000,
1.4786

151.4683,
127.1222, 182.0347

■ 0.0000, 0.0000,
0.2019

187.5413,

■ 0.0000, 0.0000,

159.9504, 224.6517

0.0000

228.9300,
197.9933, 273.4495

■ 26.1997, 18.1358,
32.6915

■ 26.1997, 18.1358,
32.6915

■ 24.6477, 15.4971,
30.7388

■ 28.0921, 21.4407,
34.8010

■ 23.4110, 13.4756,
28.9338

■ 30.3442, 25.4512,
37.0737

■ 22.4640, 12.0196,
27.2676


■ 32.9759, 30.2068,
39.5166


■ 21.7760, 11.0680,
25.7297


■ 36.0052, 35.7431,
42.1361


■ 21.2962, 10.5194,
24.3027


■ 39.4488, 42.0937,
44.9383

 21.2066, 10.4227,
24.0182

 43.3225, 49.2899,
47.9285

 47.6412, 57.3617,
51.1123

 52.4193, 66.3373,
54.4947

 57.6702, 76.2438,
58.0805

Harmonies

Analogous

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



22.5140, 18.1358, 48.1185



26.1997, 18.1358, 32.6915



27.3463, 18.1358, 18.0933

Triad

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



26.1997, 18.1358, 32.6915



16.6501, 18.1358, 3.9385



11.0304, 18.1358, 36.9929

Complementary

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



26.1997, 18.1358, 32.6915



21.2851, 32.2909, 18.7479

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.



9.9889, 18.1358, 21.4981



26.1997, 18.1358, 32.6915



12.8575, 18.1358, 5.5321

Square

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



26.1997, 18.1358, 32.6915



21.3064, 18.1358, 4.8349



10.5950, 18.1358, 10.7693



13.7228, 18.1358, 51.2667

Rectangle

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



26.1997, 18.1358, 32.6915



26.3761, 18.1358, 11.3242



10.5950, 18.1358, 10.7693



10.4991, 18.1358, 31.5607

Sweetspot

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



26.2003, 18.1366, 32.6919



60.9821, 57.6039, 72.4715



16.7968, 13.1136, 40.1743



13.3528, 12.3967, 15.9449



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.2003, 18.1366, 32.6919



43.8780, 27.3137, 54.6913



23.3822, 17.0094, 17.8523



8.2649, 8.1192, 9.7056



16.0059, 7.8649, 18.2083



0.4630, 0.2259, 0.5997

Inverse Universe

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



26.2003, 18.1366, 32.6919



43.8780, 27.3137, 54.6913



23.9029, 33.3380, 32.5334



8.2649, 8.1192, 9.7056



16.0059, 7.8649, 18.2083



0.4630, 0.2259, 0.5997

Previews

White Background



This preview shows how the XYZ color 26.1997, 18.1358, 32.6915 looks on a white background.

Color Contrast Check

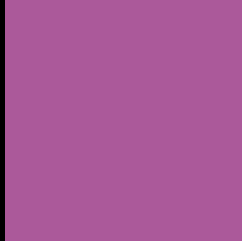
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.1997, 18.1358, 32.6915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

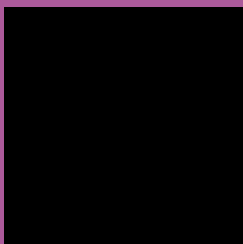
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1997, 18.1358, 32.6915

Background



This preview shows how black text looks on a background with the XYZ color 26.1997, 18.1358, 32.6915.



This preview shows how white text looks on a background with the XYZ color 26.1997, 18.1358,

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

26.1997, 18.1358, 32.6915

Protanopia

19.2447, 18.4704, 43.1083

Deuteranopia

18.6096, 18.2381, 30.9732



Tritanopia

22.8416, 18.0922, 16.1982

Trichromacy



Original Color

26.1997, 18.1358, 32.6915

Protanomaly

20.6902, 17.6654, 38.8785

Deuteranomaly

20.7316, 17.6933, 31.6006

Tritanomaly

23.8787, 17.9645, 21.2777

Monochromacy



Original Color

26.1997, 18.1358, 32.6915

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.3497, 18.1197, 24.6152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1997, 18.1358, 32.6915 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(171, 89, 154)` looks like.

```
.text, #text, p{  
    color:rgb(171, 89, 154)  
}
```

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(171, 89, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 89, 154) }
```

Border

The CSS property to change the border of an element to XYZ 26.1997, 18.1358, 32.6915 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(171, 89, 154) }
```


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

```
.border{ border-color:rgb(171, 89, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 89, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 89, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 89, 154);  
box-shadow:4px 4px 4px 4px rgb(171, 89,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1997, 18.1358, 32.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 89, 154) }
```

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

```
.background{ background-color: rgb(171, 89,  
154) }
```

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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