

Converting Colors

XYZ(32.1739, 25.7531, 46.9903)

Have a look what the booklet for
XYZ(32.1739, 25.7531, 46.9903)
contains.

XYZ(32.1911, 25.7816, 46.9958)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.1911, 25.7816,
46.9958)**

Conversions

Conversions Part 1

Format	Color
Hex	AC79B5
RGB	172, 121, 181
RGB Percent	67%, 47%, 71%
CMY	0.3255, 0.5255, 0.2902
CMYK	0.05, 0.33, 0.00, 0.29
HSL	291°, 29%, 59%
HSV	291°, 33%, 71%
XYZ	32.1911, 25.7816, 46.9958
YIQ	143.0890, 11.1360, 29.4720

Conversions

Conversions Part 2

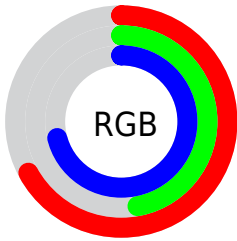
Format	Color
R_{YB}	172, 121, 181
Decimal	11303349
CIE _{Lab}	57.83, 30.30, -23.85
CIE _{LCh}	58, 38.561, 321.785
Yxy	25.7816, 0.3067, 0.2456
Android (android.graphics.Color)	4289493429 (0xFFAC79B5)
YUV	143.0890, 18.6901, 25.3549
Hunter-Lab	50.7756, 24.3095, -19.3335

Details

The XYZ color **32.1911, 25.7816, 46.9958** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.1819, 39.1748, 24.1138**, and the grayscale version is **26.0693, 27.4269, 29.8679**.

A 20% lighter version of the original color is **62.4170, 52.8805, 87.0380**, and **13.7573, 9.9869, 21.6247** is the 20% darker color. If you saturate the color by 10%, you get **29.6049, 21.4843, 46.3030**, and if you desaturate by 10%, it is **35.2038, 30.9128, 47.8278**.

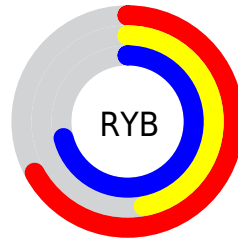
Distribution



Red (67%)

Green (47%)

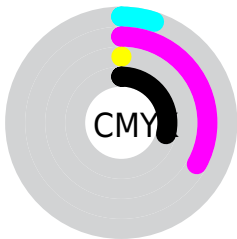
Blue (71%)



Red (67%)

Yellow (47%)

Blue (71%)

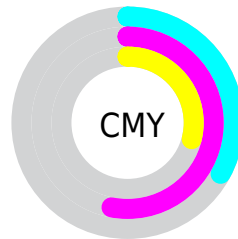


Cyan (5%)

Magenta (33%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1911, 25.7816, 46.9958 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 32.1911, 25.7816, 46.9958 by changing the saturation by 10% instead.

■ 32.1911, 25.7816,
46.9958

■ 32.1911, 25.7816,
46.9958

303.7187,
281.7083, 391.1910

■ 21.6638, 16.6603,
32.6780

■ 62.4737, 52.9224,
87.0573

■ 13.7253, 9.9926,
21.6108

■ 82.9597, 71.7107,
113.6380

■ 8.0103, 5.3941,
13.3756

■ 107.4960, 94.4902,
145.1435

■ 4.1534, 2.4803,
7.5540

136.4479,
121.6452, 181.9923

■ 1.7893, 0.8667,
3.7272

170.1807,
153.5601, 224.6029

■ 0.5112, 0.0000,
1.4769

209.0599,

■ 0.0000, 0.0000,

190.6193, 273.3939

0.2007

253.4508,
233.2073, 328.7837

■ 0.0000, 0.0000,
0.0000

■ 32.1911, 25.7816,
46.9958

■ 32.1911, 25.7816,
46.9958

■ 29.6049, 21.4843,
46.3030

■ 35.2038, 30.9128,
47.8278

■ 27.4195, 17.9712,
45.7401

■ 38.6620, 36.9171,
48.8045

■ 25.6103, 15.1926,
45.2991

■ 42.5863, 43.8356,
49.9331

■ 24.1488, 13.0916,
44.9706

■ 46.9955, 51.7054,
51.2197

■ 23.0022, 11.6028,
44.7437

■ 51.9073, 60.5619,
52.6703

■ 22.1314, 10.6482,
44.6053

■ 57.3383, 70.4383,
54.2904

■ 21.6386, 10.1916,
44.5432

■ 63.3047, 81.3666,
56.0853

■ 66.2773, 86.2887,
56.8787

■ 66.9792, 86.6506,
56.9116

Harmonies

Analogous

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



27.9616, 25.7816, 59.0502



32.1911, 25.7816, 46.9958



34.4208, 25.7816, 31.8770

Triad

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



32.1911, 25.7816, 46.9958



25.7996, 25.7816, 9.6358



17.1287, 25.7816, 38.6443

Complementary

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



32.1911, 25.7816, 46.9958



29.1819, 39.1748, 24.1138

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.



16.7032, 25.7816, 24.5821



32.1911, 25.7816, 46.9958



21.3451, 25.7816, 10.4211

Square

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



32.1911, 25.7816, 46.9958



30.4386, 25.7816, 12.4196



18.1509, 25.7816, 15.0627



19.3968, 25.7816, 53.2657

Rectangle

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



32.1911, 25.7816, 46.9958



34.3001, 25.7816, 23.1769



18.1509, 25.7816, 15.0627



16.7779, 25.7816, 33.6115

Sweetspot

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



32.1919, 25.7827, 46.9964



71.2479, 69.6356, 87.9805



24.3430, 23.6350, 46.9955



15.1962, 14.6942, 18.9576



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.1919, 25.7827, 46.9964



54.1012, 40.2516, 83.2125



32.3273, 26.0728, 37.0478



8.7223, 8.5809, 10.7029



14.9633, 7.0497, 30.7091



0.5047, 0.2393, 0.9678

Inverse Universe

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



29.9236, 25.1113, 24.3902



49.5212, 38.9343, 35.8432



29.2177, 39.0365, 31.1953



8.5466, 8.5254, 9.1108



13.2910, 6.8340, 1.4266



0.4343, 0.2215, 0.1297

Previews

White Background



This preview shows how the XYZ color 32.1911, 25.7816, 46.9958 looks on a white background.

Color Contrast Check

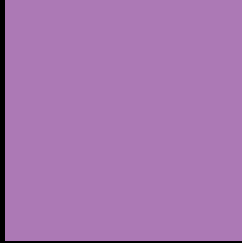
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1911, 25.7816, 46.9958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

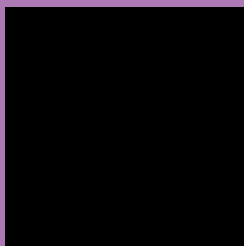
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1911, 25.7816, 46.9958

Background



This preview shows how black text looks on a background with the XYZ color 32.1911, 25.7816, 46.9958.



This preview shows how white text looks on a background with the XYZ color 32.1911, 25.7816,

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

32.1911, 25.7816, 46.9958

Protanopia

26.5973, 25.8792, 54.0454

Deuteranopia

26.4973, 26.0112, 45.7436



Tritanopia

28.2363, 25.6716, 27.8930

Trichromacy



Original Color

32.1911, 25.7816, 46.9958

Protanomaly

28.1168, 25.4822, 51.5807

Deuteranomaly

28.2856, 25.6903, 46.1157

Tritanomaly

29.4420, 25.5796, 33.9574

Monochromacy



Original Color

32.1911, 25.7816, 46.9958

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.0762, 26.6323, 35.5591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1911, 25.7816, 46.9958 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(172, 121, 181)` looks like.

```
.text, #text, p{  
    color:rgb(172, 121, 181)  
}
```

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(172, 121, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 121, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.1911, 25.7816, 46.9958 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(172, 121, 181) }
```


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

```
.border{ border-color:rgb(172, 121, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 121, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 121, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 121, 181);  
box-shadow:4px 4px 4px 4px rgb(172, 121,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1911, 25.7816, 46.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 121, 181) }
```

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

```
.background{ background-color: rgb(172,  
121, 181) }
```

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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