

Converting Colors

XYZ(32.2137, 25.6554, 46.5815)

Have a look what the booklet for
XYZ(32.2137, 25.6554, 46.5815)
contains.

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Color

**XYZ(32.1883, 25.6125,
46.4272)**

Conversions

Conversions Part 1

Format	Color
Hex	AD78B4
RGB	173, 120, 180
RGB Percent	68%, 47%, 71%
CMY	0.3216, 0.5294, 0.2941
CMYK	0.04, 0.33, 0.00, 0.29
HSL	293°, 29%, 59%
HSV	293°, 33%, 71%
XYZ	32.1883, 25.6125, 46.4272
YIQ	142.6870, 12.3280, 29.8960

Conversions

Conversions Part 2

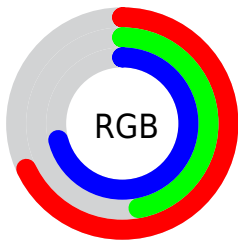
Format	Color
RYB	173, 120, 180
Decimal	11368628
CIELab	57.67, 30.98, -23.52
CIElCh	58, 38.901, 322.797
Yxy	25.6125, 0.3088, 0.2457
Android (android.graphics.Color)	4289558708 (0xFFAD78B4)
YUV	142.6870, 18.3953, 26.5845
Hunter-Lab	50.6088, 24.9645, -18.9650

Details

The XYZ color **32.1883, 25.6125, 46.4272** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.4647, 38.5112, 23.7037**, and the grayscale version is **25.9101, 27.2595, 29.6856**.

A 20% lighter version of the original color is **62.3970, 52.6013, 86.2213**, and **13.7667, 9.9057, 21.2651** is the 20% darker color. If you saturate the color by 10%, you get **29.7632, 21.4457, 45.7511**, and if you desaturate by 10%, it is **35.0293, 30.5991, 47.2404**.

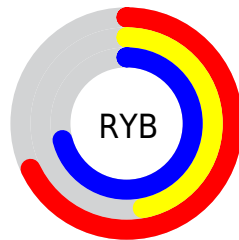
Distribution



Red (68%)

Green (47%)

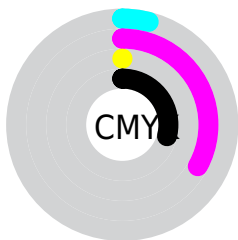
Blue (71%)



Red (68%)

Yellow (47%)

Blue (71%)

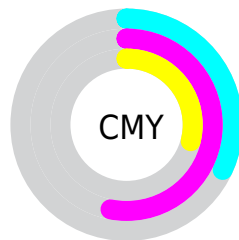


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1883, 25.6125, 46.4272 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 32.1883, 25.6125, 46.4272 by changing the saturation by 10% instead.

■ 32.1883, 25.6125,
46.4272

■ 32.1883, 25.6125,
46.4272

303.7062,
280.8746, 388.8508

■ 21.6616, 16.5340,
32.2320

■ 62.4694, 52.6491,
86.1990

■ 13.7237, 9.9028,
21.2725

■ 82.9545, 71.3761,
112.6126

■ 8.0091, 5.3346,
13.1301

■ 107.4897, 94.0879,
143.9361

■ 4.1527, 2.4449,
7.3864

136.4405,
121.1690, 180.5881

■ 1.7889, 0.8488,
3.6228

170.1722,
153.0039, 222.9870

■ 0.5109, 0.0000,
1.4208

209.0502,

■ 0.0000, 0.0000,

189.9769, 271.5514

0.1579

253.4397,
232.4723, 326.6998

■ 0.0000, 0.0000,
0.0000

■ 32.1883, 25.6125,
46.4272

■ 32.1883, 25.6125,
46.4272

■ 29.7632, 21.4457,
45.7511

■ 35.0293, 30.5991,
47.2404

■ 27.7286, 18.0496,
45.2029

■ 38.3048, 36.4444,
48.1960

■ 26.0601, 15.3752,
44.7746

■ 42.0352, 43.1887,
49.3011

■ 24.7297, 13.3662,
44.4569

■ 46.2391, 50.8688,
50.5620

■ 23.7051, 11.9581,
44.2391

■ 50.9338, 59.5195,
51.9843

■ 22.9475, 11.0734,
44.1083

■ 56.1357, 69.1737,
53.5736

■ 22.5367, 10.6664,
44.0514

■ 61.8608, 79.8630,
55.3351

■ 65.1837, 85.7368,
56.2937

■ 65.7113, 86.0088,
56.3184

Harmonies

Analogous

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



27.9778, 25.6125, 58.8074



32.1883, 25.6125, 46.4272



34.3430, 25.6125, 31.2255

Triad

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



32.1883, 25.6125, 46.4272



25.4831, 25.6125, 9.4082



16.9922, 25.6125, 39.0409

Complementary

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



32.1883, 25.6125, 46.4272



28.4647, 38.5112, 23.7037

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.



16.5026, 25.6125, 24.7966



32.1883, 25.6125, 46.4272



21.0391, 25.6125, 10.3074

Square

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



32.1883, 25.6125, 46.4272



30.1643, 25.6125, 12.0522



17.8903, 25.6125, 15.0864



19.3249, 25.6125, 53.6808

Rectangle

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



32.1883, 25.6125, 46.4272



34.1527, 25.6125, 22.5883



17.8903, 25.6125, 15.0864



16.6198, 25.6125, 33.9570

Sweetspot

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



32.1891, 25.6136, 46.4278



71.5010, 69.7661, 87.9923



23.5744, 22.4683, 46.2747



15.2582, 14.7261, 18.9605



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.



32.1891, 25.6136, 46.4278



55.0601, 40.7459, 83.2574



31.6255, 25.5717, 35.1681



8.7505, 8.5954, 10.7042



15.7657, 7.4633, 30.7466



0.5235, 0.2490, 0.9687

Inverse Universe

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



29.3705, 24.6697, 23.2935



49.2621, 38.8306, 34.4790



29.0258, 38.6194, 31.9121



8.5353, 8.5209, 9.0516



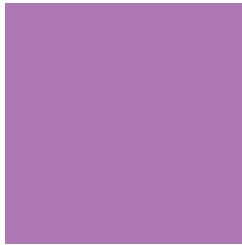
13.2448, 6.8155, 1.1833



0.4296, 0.2196, 0.1052

Previews

White Background



This preview shows how the XYZ color 32.1883, 25.6125, 46.4272 looks on a white background.

Color Contrast Check

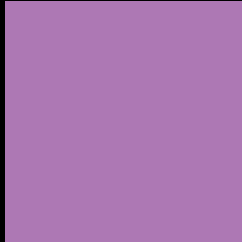
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1883, 25.6125, 46.4272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

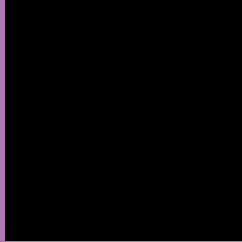
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1883, 25.6125, 46.4272

Background



This preview shows how black text looks on a background with the XYZ color 32.1883, 25.6125, 46.4272.



This preview shows how white text looks on a background with the XYZ color 32.1883, 25.6125,

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

32.1883, 25.6125, 46.4272

Protanopia

26.5973, 25.8792, 54.0454

Deuteranopia

26.2557, 25.6882, 45.1695



Tritanopia

28.2430, 25.4888, 27.4760

Trichromacy



Original Color

32.1883, 25.6125, 46.4272

Protanomaly

28.1779, 25.5262, 51.0189

Deuteranomaly

28.0511, 25.3827, 45.5404

Tritanomaly

29.4456, 25.4022, 33.4881

Monochromacy



Original Color

32.1883, 25.6125, 46.4272

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.9911, 26.5983, 35.1112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1883, 25.6125, 46.4272 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(173, 120, 180)` looks like.

```
.text, #text, p{  
    color:rgb(173, 120, 180)  
}
```

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(173, 120, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 120, 180) }
```

Border

The CSS property to change the border of an element to XYZ 32.1883, 25.6125, 46.4272 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(173, 120, 180) }
```


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

```
.border{ border-color:rgb(173, 120, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 120, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 120, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 120, 180);  
box-shadow:4px 4px 4px 4px rgb(173, 120,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1883, 25.6125, 46.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 120, 180) }
```

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

```
.background{ background-color: rgb(173,  
120, 180) }
```

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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