

Converting Colors

XYZ(32.0792, 25.3839, 45.5191)

Have a look what the booklet for
XYZ(32.0792, 25.3839, 45.5191)
contains.

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Color

**XYZ(32.0883, 25.4067,
45.3322)**

Conversions

Conversions Part 1

Format	Color
Hex	AE77B2
RGB	174, 119, 178
RGB Percent	68%, 47%, 70%
CMY	0.3176, 0.5333, 0.3020
CMYK	0.02, 0.33, 0.00, 0.30
HSL	296°, 28%, 58%
HSV	296°, 33%, 70%
XYZ	32.0883, 25.4067, 45.3322
YIQ	142.1710, 13.8410, 30.0090

Conversions

Conversions Part 2

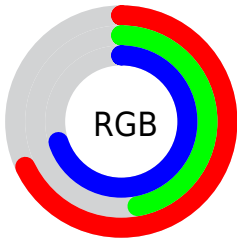
Format	Color
RYB	174, 119, 178
Decimal	11433906
CIELab	57.47, 31.48, -22.67
CIELCh	57, 38.790, 324.238
Yxy	25.4067, 0.3121, 0.2471
Android (android.graphics.Color)	4289623986 (0xFFAE77B2)
YUV	142.1710, 17.6637, 27.9140
Hunter-Lab	50.4051, 25.4258, -18.0394

Details

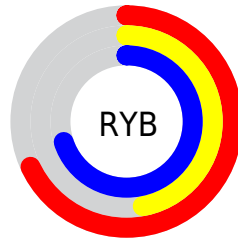
The XYZ color **32.0883, 25.4067, 45.3322** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.4194, 37.3842, 23.2247**, and the grayscale version is **25.7080, 27.0468, 29.4540**.

A 20% lighter version of the original color is **62.2369, 52.2686, 84.6505**, and **13.7150, 9.8019, 20.5711** is the 20% darker color. If you saturate the color by 10%, you get **29.8977, 21.4222, 44.6790**, and if you desaturate by 10%, it is **34.6797, 30.1881, 46.1189**.

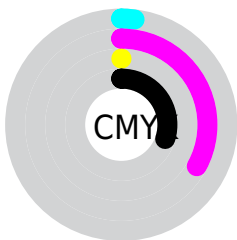
Distribution



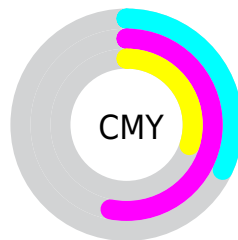
- Red (68%)
- Green (47%)
- Blue (70%)



- Red (68%)
- Yellow (47%)
- Blue (70%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0883, 25.4067, 45.3322 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 32.0883, 25.4067, 45.3322 by changing the saturation by 10% instead.

■ 32.0883, 25.4067,
45.3322

■ 32.0883, 25.4067,
45.3322

303.2594,
279.8573, 384.3166

■ 21.5848, 16.3803,
31.3743

■ 62.3137, 52.3162,
84.5424

■ 13.6670, 9.7937,
20.6232

■ 82.7664, 70.9682,
110.6318

■ 7.9696, 5.2624,
12.6603

■ 107.2662, 93.5975,
141.6022

■ 4.1271, 2.4020,
7.0671

136.1785,
120.5884, 177.8720

■ 1.7743, 0.8269,
3.4250

169.8686,
152.3255, 219.8598

■ 0.5021, 0.0000,
1.3155

208.7019,

■ 0.0000, 0.0000,

189.1931, 267.9841

0.0745

253.0437,
231.5756, 322.6635

■ 0.0000, 0.0000,
0.0000

■ 32.0883, 25.4067,
45.3322

■ 32.0883, 25.4067,
45.3322

■ 29.8977, 21.4222,
44.6790

■ 34.6797, 30.1881,
46.1189

■ 28.0832, 18.1870,
44.1501

■ 37.6899, 35.8040,
47.0442

■ 26.6213, 15.6533,
43.7381


■ 41.1388, 42.2937,
48.1151

■ 25.4846, 13.7666,
43.4339


■ 45.0443, 49.6930,
49.3375


■ 24.6420, 12.4645,
43.2269


■ 49.4233, 58.0357,
50.7169


 24.0559, 11.6718,
43.1048

 54.2918, 67.3537,
52.2589

 23.7481, 11.3143,
43.0520

 59.6651, 77.6776,
53.9684

 63.4804, 84.8821,
55.1579

 63.7700, 85.0314,
55.1715

Harmonies

Analogous

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



27.9775, 25.4067, 57.9097



32.0883, 25.4067, 45.3322



34.0968, 25.4067, 30.2942

Triad

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



32.0883, 25.4067, 45.3322



25.0502, 25.4067, 9.2998



16.9270, 25.4067, 39.4632

Complementary

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



32.0883, 25.4067, 45.3322



27.4194, 37.3842, 23.2247

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.



16.3517, 25.4067, 25.1899



32.0883, 25.4067, 45.3322



20.6855, 25.4067, 10.3587

Square

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



32.0883, 25.4067, 45.3322



29.7143, 25.4067, 11.7414



17.6397, 25.4067, 15.3109



19.3248, 25.4067, 53.8342

Rectangle

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



32.0883, 25.4067, 45.3322



33.8110, 25.4067, 21.8720



17.6397, 25.4067, 15.3109



16.5280, 25.4067, 34.3967

Sweetspot

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



32.0891, 25.4078, 45.3327



70.1215, 68.2560, 85.8601



22.8419, 21.5319, 45.0720



15.3496, 14.7733, 18.9648



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.



32.0891, 25.4078, 45.3327



55.1267, 40.4906, 81.2911



30.7420, 24.9734, 33.5187



8.7920, 8.6168, 10.7062



17.0132, 8.1064, 30.8050



0.5522, 0.2638, 0.9700

Inverse Universe

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



28.5329, 24.0898, 21.8859



47.7121, 37.7566, 31.7726



28.5313, 37.7642, 32.0054



8.5190, 8.5143, 8.9653



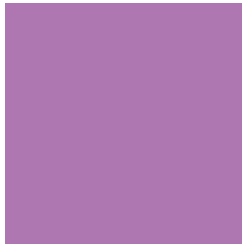
13.1937, 6.7950, 0.9140



0.4228, 0.2169, 0.0692

Previews

White Background



This preview shows how the XYZ color 32.0883, 25.4067, 45.3322 looks on a white background.

Color Contrast Check

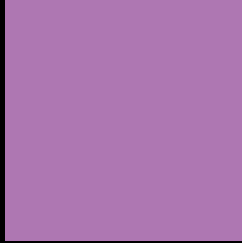
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0883, 25.4067, 45.3322 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 32.0883, 25.4067, 45.3322

Background



This preview shows how black text looks on a background with the XYZ color 32.0883, 25.4067, 45.3322.



This preview shows how white text looks on a background with the XYZ color 32.0883, 25.4067,

45.3322.

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

32.0883, 25.4067, 45.3322

Protanopia

26.2342, 25.5075, 52.8310

Deuteranopia

26.2149, 25.6900, 44.1344



Tritanopia

28.2532, 25.3097, 27.0631

Trichromacy



Original Color

32.0883, 25.4067, 45.3322

Protanomaly

27.8301, 25.1732, 49.8465

Deuteranomaly

28.0318, 25.3958, 44.4987

Tritanomaly

29.4527, 25.2283, 33.0230

Monochromacy



Original Color

32.0883, 25.4067, 45.3322

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.7679, 26.2868, 34.6207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0883, 25.4067, 45.3322 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(174, 119, 178)` looks like.

```
.text, #text, p{  
    color:rgb(174, 119, 178)  
}
```

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(174, 119, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 119, 178) }
```

Border

The CSS property to change the border of an element to XYZ 32.0883, 25.4067, 45.3322 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(174, 119, 178) }
```


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

```
.border{ border-color:rgb(174, 119, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 119, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 119, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 119, 178);  
box-shadow:4px 4px 4px 4px rgb(174, 119,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0883, 25.4067, 45.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 119, 178) }
```

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

```
.background{ background-color: rgb(174,  
119, 178) }
```

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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