

Converting Colors

XYZ(32.3786, 25.0916, 42.6718)

Have a look what the booklet for
XYZ(32.3786, 25.0916, 42.6718)
contains.

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Color

**XYZ(32.3786, 25.0916,
42.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	B374AD
RGB	179, 116, 173
RGB Percent	70%, 45%, 68%
CMY	0.2980, 0.5451, 0.3216
CMYK	0.00, 0.35, 0.03, 0.30
HSL	306°, 29%, 58%
HSV	306°, 35%, 70%
XYZ	32.3786, 25.0916, 42.6718
YIQ	141.3350, 19.2510, 31.0830

Conversions

Conversions Part 2

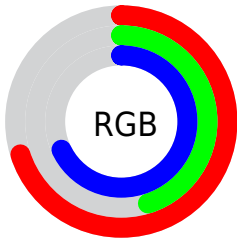
Format	Color
R _Y B	179, 116, 173
Decimal	11760813
CIE Lab	57.16, 33.84, -20.21
CIE LCh	57, 39.416, 329.146
Yxy	25.0916, 0.3233, 0.2506
Android (android.graphics.Color)	4289950893 (0xFFB374AD)
YUV	141.3350, 15.6108, 33.0322
Hunter-Lab	50.0915, 27.7203, -15.4437

Details

The XYZ color **32.3786, 25.0916, 42.6718** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.8364, 37.3591, 24.2104**, and the grayscale version is **25.3849, 26.7069, 29.0838**.

A 20% lighter version of the original color is **62.9229, 51.8659, 80.8235**, and **13.8569, 9.6369, 19.2189** is the 20% darker color. If you saturate the color by 10%, you get **30.3470, 21.2902, 41.1860**, and if you desaturate by 10%, it is **34.8115, 29.6911, 44.3022**.

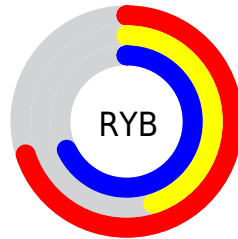
Distribution



Red (70%)

Green (45%)

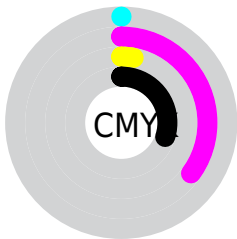
Blue (68%)



Red (70%)

Yellow (45%)

Blue (68%)

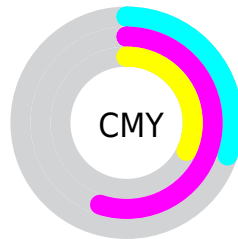


Cyan (0%)

Magenta (35%)

Yellow (3%)

Black (30%)



Cyan (30%)


Magenta (55%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3786, 25.0916, 42.6718 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 32.3786, 25.0916, 42.6718 by changing the saturation by 10% instead.

 32.3786, 25.0916,
42.6718


 32.3786, 25.0916,
42.6718


304.5550,
278.2938, 373.1418


 21.8078, 16.1453,
29.2982

 62.7653, 51.8058,
80.4964

 13.8315, 9.6270,
19.0590


 83.3120, 70.3425,
105.7845

 8.0845, 5.1524,
11.5357


 107.9146, 92.8448,
135.8811

 4.2013, 2.3369,
6.3097

136.9386,
119.6970, 171.2049

 1.8167, 0.7932,
2.9625

170.7493,
151.2837, 212.1743

 0.5277, 0.0000,
1.0755

209.7120,

 0.0000, 0.0000,

187.9891, 259.2079

0.0000

254.1921,
230.1977, 312.7242

■ 32.3786, 25.0916,
42.6718

■ 32.3786, 25.0916,
42.6718

■ 30.3470, 21.2902,
41.1860

■ 34.8115, 29.6911,
44.3022

■ 28.6913, 18.2379,
39.8357

■ 37.6643, 35.1277,
46.0828

■ 27.3871, 15.8851,
38.6128

■ 40.9575, 41.4416,
48.0206

■ 26.4060, 14.1752,
37.5079


■ 44.7094, 48.6695,
50.1219


■ 25.7152, 13.0427,
36.5099


■ 48.9374, 56.8461,
52.3923


 25.2744, 12.4067,
35.6056

 53.6578, 66.0042,
54.8375

 25.1079, 12.1907,
35.1896

 58.8864, 76.1751,
57.4627

 63.2818, 84.6763,
59.8208

 63.4650, 84.7496,
60.7856

Harmonies

Analogous

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



28.4744, 25.0916, 56.3469



32.3786, 25.0916, 42.6718



33.9540, 25.0916, 27.7041

Triad

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



32.3786, 25.0916, 42.6718



23.9824, 25.0916, 8.8807



16.8603, 25.0916, 41.7877

Complementary

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



32.3786, 25.0916, 42.6718



26.8364, 37.3591, 24.2104

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.



15.9784, 25.0916, 26.9404



32.3786, 25.0916, 42.6718



19.7534, 25.0916, 10.5020

Square

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



32.3786, 25.0916, 42.6718



28.7351, 25.0916, 10.7052



16.9664, 25.0916, 16.1786



19.5504, 25.0916, 55.7305

Rectangle

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



32.3786, 25.0916, 42.6718



33.3331, 25.0916, 19.7525



16.9664, 25.0916, 16.1786



16.3594, 25.0916, 36.6099

Sweetspot

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



32.3794, 25.0927, 42.6723



69.7222, 67.2515, 83.8886



22.3034, 19.8298, 45.3004



15.2764, 14.5729, 18.4842



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.



32.3794, 25.0927, 42.6723



55.1896, 39.6928, 74.4002



29.7380, 24.0362, 28.7629



8.8144, 8.6325, 10.5213



17.7553, 8.6197, 24.9352



0.5687, 0.2752, 0.8375

Inverse Universe

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



32.3794, 25.0927, 42.6723



55.1896, 39.6928, 74.4002



29.0526, 38.2456, 35.8807



8.8144, 8.6325, 10.5213



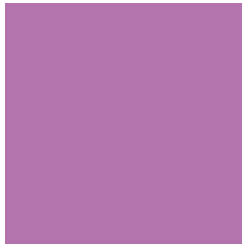
17.7553, 8.6197, 24.9352



0.5687, 0.2752, 0.8375

Previews

White Background



This preview shows how the XYZ color 32.3786, 25.0916, 42.6718 looks on a white background.

Color Contrast Check

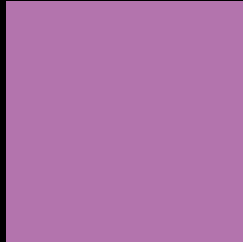
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3786, 25.0916, 42.6718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

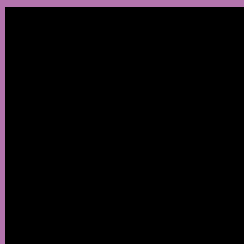
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3786, 25.0916, 42.6718

Background



This preview shows how black text looks on a background with the XYZ color 32.3786, 25.0916, 42.6718.



This preview shows how white text looks on a background with the XYZ color 32.3786, 25.0916,

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

32.3786, 25.0916, 42.6718

Protanopia

26.0496, 25.4501, 51.1164

Deuteranopia

25.9113, 25.3811, 41.5636



Tritanopia

28.8968, 25.1074, 25.5135

Trichromacy



Original Color

32.3786, 25.0916, 42.6718

Protanomaly

27.7252, 24.9591, 48.1560

Deuteranomaly

27.8324, 24.9579, 41.8785

Tritanomaly

30.0872, 25.0430, 31.2650

Monochromacy



Original Color

32.3786, 25.0916, 42.6718

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.5186, 25.7710, 33.6609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3786, 25.0916, 42.6718 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(179, 116, 173)` looks like.

```
.text, #text, p{  
    color:rgb(179, 116, 173)  
}
```

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(179, 116, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 116, 173) }
```

Border

The CSS property to change the border of an element to XYZ 32.3786, 25.0916, 42.6718 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(179, 116, 173) }
```


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

```
.border{ border-color:rgb(179, 116, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 116, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 116, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 116, 173);  
box-shadow:4px 4px 4px 4px rgb(179, 116,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3786, 25.0916, 42.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 116, 173) }
```

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

```
.background{ background-color: rgb(179,  
116, 173) }
```

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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