

Converting Colors

XYZ(32.6940, 25.2106, 38.5891)

Have a look what the booklet for
XYZ(32.6940, 25.2106, 38.5891)
contains.

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Color

**XYZ(32.6894, 25.1684,
38.7324)**

Conversions

Conversions Part 1

Format	Color
Hex	B873A5
RGB	184, 115, 165
RGB Percent	72%, 45%, 65%
CMY	0.2784, 0.5490, 0.3529
CMYK	0.00, 0.37, 0.10, 0.28
HSL	317°, 33%, 59%
HSV	317°, 37%, 72%
XYZ	32.6894, 25.1684, 38.7324
YIQ	141.3310, 25.0740, 30.1780

Conversions

Conversions Part 2

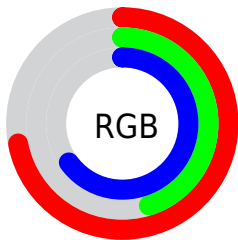
Format	Color
RYB	184, 115, 165
Decimal	12088229
CIELab	57.24, 34.63, -15.44
CIELCh	57, 37.914, 335.975
Yxy	25.1684, 0.3384, 0.2606
Android (android.graphics.Color)	4290278309 (0xFFB873A5)
YUV	141.3310, 11.6688, 37.4207
Hunter-Lab	50.1681, 28.5159, -10.6573

Details

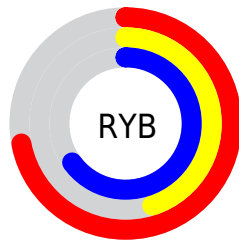
The XYZ color **32.6894, 25.1684, 38.7324** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.5148, 39.6478, 28.7058**, and the grayscale version is **25.3967, 26.7193, 29.0973**.

A 20% lighter version of the original color is **63.1965, 51.8733, 74.3919**, and **14.0769, 9.7187, 16.7567** is the 20% darker color. If you saturate the color by 10%, you get **30.3449, 21.2026, 35.7205**, and if you desaturate by 10%, it is **35.4725, 29.9813, 41.9812**.

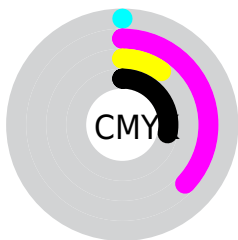
Distribution



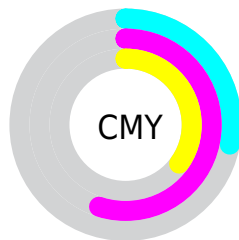
- Red (72%)
- Green (45%)
- Blue (65%)



- Red (72%)
- Yellow (45%)
- Blue (65%)



- Cyan (0%)
- Magenta (37%)
- Yellow (10%)
- Black (28%)





- Cyan (28%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6894, 25.1684, 38.7324 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 32.6894, 25.1684, 38.7324 by changing the saturation by 10% instead.


 32.6894, 25.1684,
38.7324


 32.6894, 25.1684,
38.7324


305.9376,
278.6756, 356.1434

 22.0467, 16.2026,
26.2454

 63.2482, 51.9303,
74.4452

 14.0080, 9.6676,
16.7799


 83.8951, 70.4951,
98.5080

 8.2080, 5.1791,
9.9174


 108.6074, 93.0284,
127.2665

 4.2812, 2.3527,
5.2393

137.7504,
119.9146, 161.1393

 1.8624, 0.8014,
2.3272

171.6896,
151.5380, 200.5448

 0.5549, 0.0000,
0.7464

210.7903,

 0.0000, 0.0000,

188.2830, 245.9016

0.0000

255.4179,
230.5341, 297.6283

■ 32.6894, 25.1684,
38.7324

■ 32.6894, 25.1684,
38.7324

■ 30.3449, 21.2026,
35.7205

■ 35.4725, 29.9813,
41.9812

■ 28.4115, 18.0304,
32.9345

■ 38.7150, 35.6840,
45.4740

■ 26.8619, 15.5972,
30.3645


■ 42.4392, 42.3202,
49.2196


■ 25.6646, 13.8405,
27.9990


■ 46.6654, 49.9299,
53.2256

■ 24.7828, 12.6870,
25.8247


■ 51.4123, 58.5508,
57.4994


 24.1623, 12.0284,
23.8222

 56.6980, 68.2184,
62.0478

 24.0239, 11.8931,
23.3399

 62.5396, 78.9666,
66.8775

 66.6117, 86.1442,
71.2143

 67.2355, 86.3937,
74.4995

Harmonies

Analogous

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



29.3506, 25.1684, 52.6276



32.6894, 25.1684, 38.7324



33.5588, 25.1684, 24.9139

Triad

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



32.6894, 25.1684, 38.7324



23.0357, 25.1684, 9.4553



17.6026, 25.1684, 44.6127

Complementary

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



32.6894, 25.1684, 38.7324



28.5148, 39.6478, 28.7058

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.



16.3327, 25.1684, 30.0550



32.6894, 25.1684, 38.7324



19.2074, 25.1684, 11.8886

Square

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



32.6894, 25.1684, 38.7324



27.6053, 25.1684, 10.4759



16.8814, 25.1684, 18.5328



20.5815, 25.1684, 56.6985

Rectangle

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



32.6894, 25.1684, 38.7324



32.5369, 25.1684, 17.9521



16.8814, 25.1684, 18.5328



16.9799, 25.1684, 39.6996

Sweetspot

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



32.6902, 25.1696, 38.7329



74.3395, 72.0802, 86.6661



24.5197, 20.7426, 48.0592



15.8292, 15.1881, 18.4863



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.6902, 25.1696, 38.7329



55.6947, 39.5836, 65.6755



30.0023, 24.0944, 24.5789



9.2726, 9.1194, 10.7827



16.5880, 8.2090, 16.2490



0.6094, 0.2993, 0.7028

Inverse Universe

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



32.6902, 25.1696, 38.7329



55.6947, 39.5836, 65.6755



31.2702, 40.7499, 43.2151



9.2726, 9.1194, 10.7827



16.5880, 8.2090, 16.2490



0.6094, 0.2993, 0.7028

Previews

White Background



This preview shows how the XYZ color 32.6894, 25.1684, 38.7324 looks on a white background.

Color Contrast Check

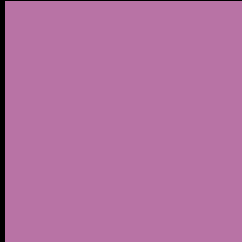
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6894, 25.1684, 38.7324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

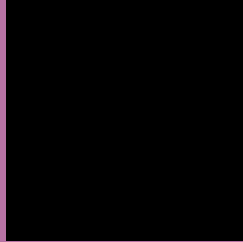
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6894, 25.1684, 38.7324

Background



This preview shows how black text looks on a background with the XYZ color 32.6894, 25.1684, 38.7324.



This preview shows how white text looks on a background with the XYZ color 32.6894, 25.1684,

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

32.6894, 25.1684, 38.7324

Protanopia

25.6466, 25.3392, 46.7193

Deuteranopia

25.9122, 25.4766, 37.2700



Tritanopia

29.8787, 25.2611, 24.7738

Trichromacy



Original Color

32.6894, 25.1684, 38.7324

Protanomaly

27.4897, 24.7365, 43.8832

Deuteranomaly

27.9511, 25.1149, 37.5569

Tritanomaly

30.6108, 25.0006, 29.1988

Monochromacy



Original Color

32.6894, 25.1684, 38.7324

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.6609, 25.8726, 32.3902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6894, 25.1684, 38.7324 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(184, 115, 165)` looks like.

```
.text, #text, p{  
    color:rgb(184, 115, 165)  
}
```

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(184, 115, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 115, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.6894, 25.1684, 38.7324 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(184, 115, 165) }
```


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

```
.border{ border-color:rgb(184, 115, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 115, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 115, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 115, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 115,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6894, 25.1684, 38.7324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 115, 165) }
```

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

```
.background{ background-color: rgb(184,  
115, 165) }
```

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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