

Converting Colors

XYZ(34.3685, 24.9516, 32.5713)

Have a look what the booklet for
XYZ(34.3685, 24.9516, 32.5713)
contains.

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Color

**XYZ(34.3188, 24.9979,
32.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	C66C98
RGB	198, 108, 152
RGB Percent	78%, 42%, 60%
CMY	0.2235, 0.5764, 0.4039
CMYK	0.00, 0.45, 0.23, 0.22
HSL	331°, 44%, 60%
HSV	331°, 45%, 78%
XYZ	34.3188, 24.9979, 32.7220
YIQ	139.9260, 39.5160, 32.7640

Conversions

Conversions Part 2

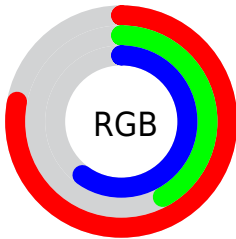
Format	Color
R _Y B	198, 108, 152
Decimal	13003928
CIE Lab	57.07, 41.07, -7.98
CIE LCh	57, 41.838, 349.010
Yxy	24.9979, 0.3729, 0.2716
Android (android.graphics.Color)	4291194008 (0xFFC66C98)
YUV	139.9260, 5.9525, 50.9309
Hunter-Lab	49.9979, 35.0269, -3.8048

Details

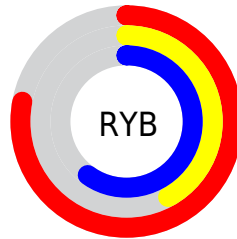
The XYZ color **34.3188, 24.9979, 32.7220** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.2124, 45.9102, 37.7380**, and the grayscale version is **24.8661, 26.1611, 28.4894**.

A 20% lighter version of the original color is **65.1254, 51.2060, 64.8438**, and **14.9674, 9.6166, 13.3792** is the 20% darker color. If you saturate the color by 10%, you get **31.6689, 20.9684, 27.9222**, and if you desaturate by 10%, it is **37.5150, 30.0064, 38.0535**.

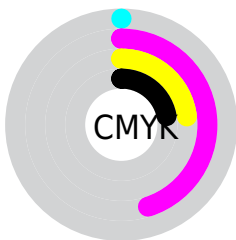
Distribution



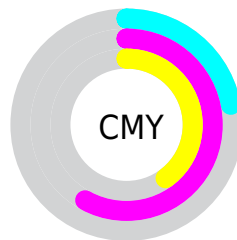
- Red (78%)
- Green (42%)
- Blue (60%)



- Red (78%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (45%)
- Yellow (23%)
- Black (22%)





- Cyan (22%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3188, 24.9979, 32.7220 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 34.3188, 24.9979, 32.7220 by changing the saturation by 10% instead.


 34.3188, 24.9979,
32.7220


 34.3188, 24.9979,
32.7220


313.1122,
277.8275, 328.9887


 23.3027, 16.0755,
21.6442


 65.7701, 51.6538,
65.0523


 14.9391, 9.5776,
13.3999


 86.9360, 70.1561,
87.1418

 8.8627, 5.1198,
7.5705


 112.2159, 92.6205,
113.7390

 4.7081, 2.3177,
3.7376

 141.9751,
119.4314, 145.2624

 2.1100, 0.7831,
1.4825

176.5790,
150.9731, 182.1305

 0.6947, 0.0000,
0.2049

216.3929,

 0.0000, 0.0000,

187.6301, 224.7619

0.0000

261.7822,
229.7868, 273.5751

■ 34.3188, 24.9979,
32.7220

■ 34.3188, 24.9979,
32.7220

■ 31.6689, 20.9684,
27.9222

■ 37.5150, 30.0064,
38.0535

■ 29.5290, 17.8486,
23.6324

■ 41.2866, 36.0499,
43.9338

■ 27.8612, 15.5658,
19.8313


■ 45.6630, 43.1845,
50.3813


■ 26.6213, 14.0342,
16.4948


■ 50.6709, 51.4610,
57.4124


■ 25.7551, 13.1487,
13.5949


■ 56.3353, 60.9271,
65.0433

 25.4370, 12.8651,
12.4017

 62.6800, 71.6279,
73.2892

 69.7275, 83.6058,
82.1647

 73.7519, 89.4070,
90.4348

 75.2395, 90.0021,
98.2684

Harmonies

Analogous

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



31.6470, 24.9979, 49.1600



34.3188, 24.9979, 32.7220



33.8827, 24.9979, 19.3069

Triad

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



34.3188, 24.9979, 32.7220



20.8072, 24.9979, 8.7882



18.0747, 24.9979, 53.2452

Complementary

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



34.3188, 24.9979, 32.7220



32.2124, 45.9102, 37.7380

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.



15.8852, 24.9979, 37.0408



34.3188, 24.9979, 32.7220



17.3056, 24.9979, 13.0252

Square

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



34.3188, 24.9979, 32.7220



25.6108, 24.9979, 8.3343



15.6246, 24.9979, 22.3694



22.0001, 24.9979, 63.4572

Rectangle

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



34.3188, 24.9979, 32.7220



31.9023, 24.9979, 13.4694



15.6246, 24.9979, 22.3694



17.1359, 24.9979, 48.1029

Sweetspot

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



34.3195, 24.9991, 32.7225



81.8998, 78.1797, 90.7048



28.6937, 21.5761, 56.0787



17.1400, 16.0933, 18.8547



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.3195, 24.9991, 32.7225



55.9221, 36.8965, 49.1450



31.3590, 23.8149, 17.1328



10.8463, 10.7219, 12.1740



16.5852, 8.3836, 8.2914



0.8219, 0.4116, 0.5852

Inverse Universe

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



34.3195, 24.9991, 32.7225



55.9221, 36.8965, 49.1450



36.5723, 47.6542, 60.6971



10.8463, 10.7219, 12.1740



16.5852, 8.3836, 8.2914



0.8219, 0.4116, 0.5852

Previews

White Background



This preview shows how the XYZ color 34.3188, 24.9979, 32.7220 looks on a white background.

Color Contrast Check

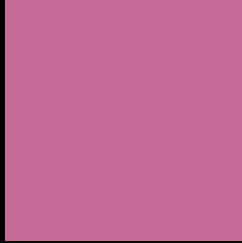
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3188, 24.9979, 32.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

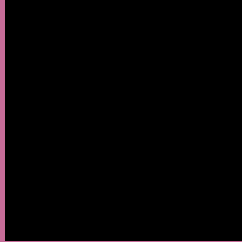
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3188, 24.9979, 32.7220

Background



This preview shows how black text looks on a background with the XYZ color 34.3188, 24.9979, 32.7220.



This preview shows how white text looks on a background with the XYZ color 34.3188, 24.9979,

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

34.3188, 24.9979, 32.7220

Protanopia

25.2081, 25.2157, 42.0666

Deuteranopia

25.7245, 25.2993, 31.5444



Tritanopia

32.0358, 25.0419, 21.5574

Trichromacy



Original Color

34.3188, 24.9979, 32.7220

Protanomaly

27.4881, 24.4721, 38.3968

Deuteranomaly

28.2755, 24.8365, 31.7374

Tritanomaly

32.7928, 25.0176, 25.2908

Monochromacy



Original Color

34.3188, 24.9979, 32.7220

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.4512, 25.0290, 29.7698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3188, 24.9979, 32.7220 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(198, 108, 152)` looks like.

```
.text, #text, p{  
    color:rgb(198, 108, 152)  
}
```

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(198, 108, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 108, 152) }
```

Border

The CSS property to change the border of an element to XYZ 34.3188, 24.9979, 32.7220 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(198, 108, 152) }
```


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

```
.border{ border-color:rgb(198, 108, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 108, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 108, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 108, 152);  
box-shadow:4px 4px 4px 4px rgb(198, 108,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3188, 24.9979, 32.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 108, 152) }
```

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

```
.background{ background-color: rgb(198,  
108, 152) }
```

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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