

Converting Colors

XYZ(34.7132, 24.9512, 31.8095)

Have a look what the booklet for
XYZ(34.7132, 24.9512, 31.8095)
contains.

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Color

**XYZ(34.7464, 24.9276,
31.8343)**

Conversions

Conversions Part 1

Format	Color
Hex	C96A96
RGB	201, 106, 150
RGB Percent	79%, 42%, 59%
CMY	0.2118, 0.5843, 0.4118
CMYK	0.00, 0.47, 0.25, 0.21
HSL	332°, 47%, 60%
HSV	332°, 47%, 79%
XYZ	34.7464, 24.9276, 31.8343
YIQ	139.4210, 42.4960, 33.8240

Conversions

Conversions Part 2

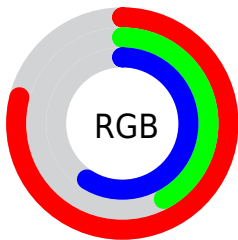
Format	Color
R _Y B	201, 106, 150
Decimal	13200022
CIE Lab	57.00, 42.84, -6.87
CIE LCh	57, 43.386, 350.887
Yxy	24.9276, 0.3797, 0.2724
Android (android.graphics.Color)	4291390102 (0xFFC96A96)
YUV	139.4210, 5.2154, 54.0048
Hunter-Lab	49.9275, 36.8514, -2.8546

Details

The XYZ color **34.7464, 24.9276, 31.8343** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.9175, 47.2724, 39.2902**, and the grayscale version is **24.6727, 25.9576, 28.2678**.

A 20% lighter version of the original color is **64.7099, 50.7612, 63.5141**, and **15.2484, 9.5589, 12.8458** is the 20% darker color. If you saturate the color by 10%, you get **32.0832, 20.9283, 26.8550**, and if you desaturate by 10%, it is **37.9765, 29.9322, 37.3979**.

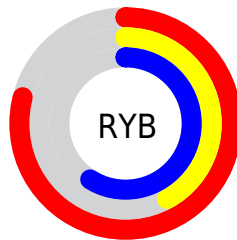
Distribution



Red (79%)

Green (42%)

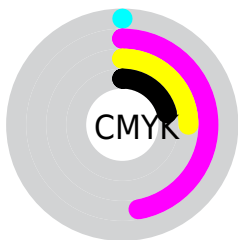
Blue (59%)



Red (79%)

Yellow (42%)

Blue (59%)

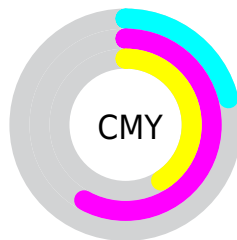


Cyan (0%)

Magenta (47%)

Yellow (25%)

Black (21%)



Cyan (21%)


Magenta (58%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7464, 24.9276, 31.8343 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 34.7464, 24.9276, 31.8343 by changing the saturation by 10% instead.


 34.7464, 24.9276,
31.8343


 34.7464, 24.9276,
31.8343


314.9752,
277.4772, 324.8332


 23.6332, 16.0231,
20.9712


 66.4293, 51.5397,
63.6461


 15.1850, 9.5405,
12.9119


 87.7298, 70.0162,
85.4319

 9.0365, 5.0954,
7.2379


 113.1566, 92.4521,
111.6957

 4.8223, 2.3033,
3.5306

 143.0753,
119.2319, 142.8560

 2.1771, 0.7755,
1.3716

177.8512,
150.7399, 179.3313

 0.7306, 0.0000,
0.1194

217.8495,

 0.0000, 0.0000,

187.3605, 221.5403

0.0000

263.4357,
229.4781, 269.9014

■ 34.7464, 24.9276,
31.8343

■ 34.7464, 24.9276,
31.8343

■ 32.0832, 20.9283,
26.8550

■ 37.9765, 29.9322,
37.3979

■ 29.9482, 17.8609,
22.4358

■ 41.8044, 36.0014,
43.5656

■ 28.3009, 15.6478,
18.5524


■ 46.2615, 43.1942,
50.3579


■ 27.0934, 14.1971,
15.1771


■ 51.3760, 51.5642,
57.7937


■ 26.2606, 13.3824,
12.2762


■ 57.1745, 61.1616,
65.8910

 26.0672, 13.2094,
11.5525

 63.6821, 72.0336,
74.6672

 70.9225, 84.2250,
84.1387

 75.0356, 90.0128,
93.0273

 76.6545, 90.6603,
101.5521

Harmonies

Analogous

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



32.1393, 24.9276, 48.9771



34.7464, 24.9276, 31.8343



34.0791, 24.9276, 18.3148

Triad

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



34.7464, 24.9276, 31.8343



20.3679, 24.9276, 8.4577



18.0327, 24.9276, 55.2624

Complementary

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



34.7464, 24.9276, 31.8343



32.9175, 47.2724, 39.2902

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.



15.6657, 24.9276, 38.4285



34.7464, 24.9276, 31.8343



16.8735, 24.9276, 13.0070

Square

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



34.7464, 24.9276, 31.8343



25.2792, 24.9276, 7.7911



15.2741, 24.9276, 22.9349



22.1744, 24.9276, 65.3560

Rectangle

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



34.7464, 24.9276, 31.8343



31.9009, 24.9276, 12.6037



15.2741, 24.9276, 22.9349



17.0295, 24.9276, 49.9703

Sweetspot

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



34.7471, 24.9288, 31.8348



81.7660, 78.1262, 90.0006



29.5375, 21.6612, 57.8826



17.1075, 16.0803, 18.6835



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.



34.7471, 24.9288, 31.8348



54.7107, 35.5095, 45.5477



32.1763, 24.4323, 16.6573



10.8348, 10.7173, 12.1134



16.4353, 8.3237, 7.5021



0.8147, 0.4087, 0.5473

Inverse Universe

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



34.7471, 24.9288, 31.8348



54.7107, 35.5095, 45.5477



36.6432, 47.5937, 62.5136



10.8348, 10.7173, 12.1134



16.4353, 8.3237, 7.5021



0.8147, 0.4087, 0.5473

Previews

White Background



This preview shows how the XYZ color 34.7464, 24.9276, 31.8343 looks on a white background.

Color Contrast Check

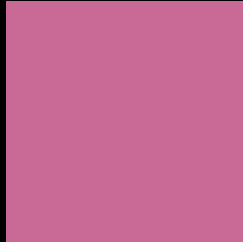
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7464, 24.9276, 31.8343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

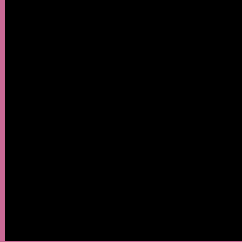
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7464, 24.9276, 31.8343

Background



This preview shows how black text looks on a background with the XYZ color 34.7464, 24.9276, 31.8343.



This preview shows how white text looks on a background with the XYZ color 34.7464, 24.9276,

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

34.7464, 24.9276, 31.8343

Protanopia

25.1131, 25.1777, 41.5664

Deuteranopia

25.5310, 25.0224, 30.2722



Tritanopia

32.4730, 24.9502, 20.8736

Trichromacy



Original Color

34.7464, 24.9276, 31.8343

Protanomaly

27.4620, 24.2801, 37.8895

Deuteranomaly

28.2858, 24.4880, 30.8396

Tritanomaly

33.2259, 24.9327, 24.5340

Monochromacy



Original Color

34.7464, 24.9276, 31.8343

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.4476, 24.8433, 29.3352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7464, 24.9276, 31.8343 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(201, 106, 150)` looks like.

```
.text, #text, p{  
    color:rgb(201, 106, 150)  
}
```

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(201, 106, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 106, 150) }
```

Border

The CSS property to change the border of an element to XYZ 34.7464, 24.9276, 31.8343 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(201, 106, 150) }
```


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

```
.border{ border-color:rgb(201, 106, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 106, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 106, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 106, 150);  
box-shadow:4px 4px 4px 4px rgb(201, 106,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7464, 24.9276, 31.8343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 106, 150) }
```

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

```
.background{ background-color: rgb(201,  
106, 150) }
```

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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