

Converting Colors

XYZ(34.8755, 24.1575, 34.4583)

Have a look what the booklet for
XYZ(34.8755, 24.1575, 34.4583)
contains.

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Color

**XYZ(34.7418, 24.1252,
34.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	C9659C
RGB	201, 101, 156
RGB Percent	79%, 40%, 61%
CMY	0.2118, 0.6039, 0.3882
CMYK	0.00, 0.50, 0.22, 0.21
HSL	327°, 48%, 59%
HSV	327°, 50%, 79%
XYZ	34.7418, 24.1252, 34.2780
YIQ	137.1700, 41.9450, 38.3050

Conversions

Conversions Part 2

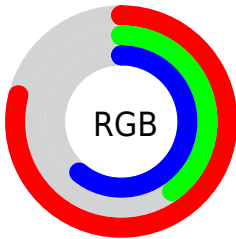
Format	Color
R _Y B	201, 101, 156
Decimal	13198748
CIE Lab	56.21, 46.24, -11.55
CIE LCh	56, 47.657, 345.974
Yxy	24.1252, 0.3730, 0.2590
Android (android.graphics.Color)	4291388828 (0xFFC9659C)
YUV	137.1700, 9.2832, 55.9789
Hunter-Lab	49.1174, 40.3014, -6.9950

Details

The XYZ color **34.7418, 24.1252, 34.2780** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.4429, 46.6159, 34.5370**, and the grayscale version is **23.7978, 25.0372, 27.2655**.

A 20% lighter version of the original color is **64.7192, 49.4058, 67.7532**, and **15.1084, 9.0631, 14.3177** is the 20% darker color. If you saturate the color by 10%, you get **32.2858, 20.3936, 29.8200**, and if you desaturate by 10%, it is **37.7334, 28.8363, 39.1965**.

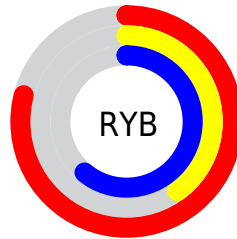
Distribution



Red (79%)

Green (40%)

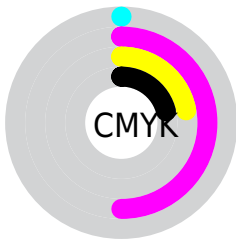
Blue (61%)



Red (79%)

Yellow (40%)

Blue (61%)

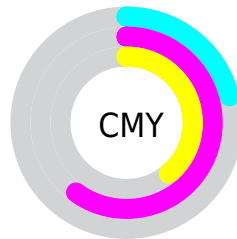


Cyan (0%)

Magenta (50%)

Yellow (22%)

Black (21%)



Cyan (21%)

Magenta (60%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7418, 24.1252, 34.2780 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 34.7418, 24.1252, 34.2780 by changing the saturation by 10% instead.

 34.7418, 24.1252,
34.2780


 34.7418, 24.1252,
34.2780


314.9552,
273.4528, 336.1768

 23.6296, 15.4265,
22.8282


 66.4222, 50.2344,
67.5046


 15.1824, 9.1193,
14.2626


 87.7212, 68.4138,
90.1184

 9.0346, 4.8191,
8.1627


 113.1465, 90.5221,
117.2906

 4.8211, 2.1415,
4.1100

 143.0635,
116.9439, 149.4398

 2.1763, 0.6878,
1.6859

177.8375,
148.0634, 186.9845

 0.7302, 0.0000,
0.3510

217.8339,

 0.0000, 0.0000,

184.2652, 230.3432

0.0000

263.4180,
225.9335, 279.9344

■ 34.7418, 24.1252,
34.2780

■ 34.7418, 24.1252,
34.2780

■ 32.2858, 20.3936,
29.8200

■ 37.7334, 28.8363,
39.1965

■ 30.3268, 17.5667,
25.8028

■ 41.2916, 34.5877,
44.5910

■ 28.8237, 15.5645,
22.2067

■ 45.4474, 41.4390,
50.4777

■ 27.7276, 14.2912,
19.0087

■ 50.2287, 49.4445,
56.8716

■ 26.9497, 13.5712,
16.1727

■ 55.6617, 58.6549,
63.7868

■ 26.9317, 13.5553,
16.1051

■ 61.7712, 69.1179,
71.2369

■ 68.5804, 80.8783,
79.2346

■ 73.9017, 89.5592,
87.0558

■ 75.1935, 90.0759,
93.8583

Harmonies

Analogous

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



31.3677, 24.1252, 53.3031



34.7418, 24.1252, 34.2780



34.6197, 24.1252, 18.8107

Triad

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



34.7418, 24.1252, 34.2780



20.1521, 24.1252, 6.6313



16.3617, 24.1252, 54.4740

Complementary

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



34.7418, 24.1252, 34.2780



31.4429, 46.6159, 34.5370

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.



14.2218, 24.1252, 35.4747



34.7418, 24.1252, 34.2780



16.1603, 24.1252, 10.3868

Square

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



34.7418, 24.1252, 34.2780



25.5788, 24.1252, 6.5258



14.1545, 24.1252, 19.6149



20.4712, 24.1252, 67.7463

Rectangle

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



34.7418, 24.1252, 34.2780



32.5538, 24.1252, 12.2347



14.1545, 24.1252, 19.6149



15.4191, 24.1252, 48.2700

Sweetspot

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



34.7425, 24.1264, 34.2785



81.3897, 76.9174, 91.2815



27.0516, 19.6369, 57.6230



17.0539, 15.8506, 19.0433



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.



34.7425, 24.1264, 34.2785



54.8699, 34.3142, 50.2674



31.3435, 22.7668, 16.3797



10.8738, 10.7329, 12.3190



16.9804, 8.5417, 10.3723



0.8402, 0.4189, 0.6814

Inverse Universe

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



34.7425, 24.1264, 34.2785



54.8699, 34.3142, 50.2674



36.2181, 48.5260, 59.6824



10.8738, 10.7329, 12.3190



16.9804, 8.5417, 10.3723



0.8402, 0.4189, 0.6814

Previews

White Background



This preview shows how the XYZ color 34.7418, 24.1252, 34.2780 looks on a white background.

Color Contrast Check

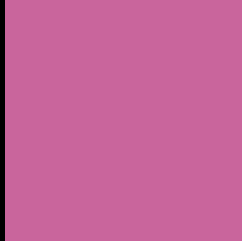
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7418, 24.1252, 34.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

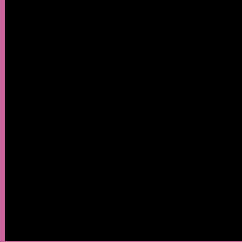
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7418, 24.1252, 34.2780

Background



This preview shows how black text looks on a background with the XYZ color 34.7418, 24.1252, 34.2780.



This preview shows how white text looks on a background with the XYZ color 34.7418, 24.1252,

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

34.7418, 24.1252, 34.2780

Protanopia

24.7294, 24.4755, 45.5403

Deuteranopia

24.8217, 24.3996, 32.6795



Tritanopia

31.7055, 24.0919, 19.8088

Trichromacy



Original Color

34.7418, 24.1252, 34.2780

Protanomaly

26.9777, 23.4007, 41.1251

Deuteranomaly

27.6914, 23.7612, 33.2639

Tritanomaly

32.5395, 23.9525, 24.3810

Monochromacy



Original Color

34.7418, 24.1252, 34.2780

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.7389, 23.9025, 29.5899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7418, 24.1252, 34.2780 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, 101, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 101, 156)  
}
```

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, 101, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 101, 156) }
```

Border

The CSS property to change the border of an element to XYZ 34.7418, 24.1252, 34.2780 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, 101, 156) }
```


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

```
.border{ border-color:rgb(201, 101, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 101, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 101, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 101, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 101,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7418, 24.1252, 34.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 101, 156) }
```

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

```
.background{ background-color: rgb(201,  
101, 156) }
```

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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