

Converting Colors

XYZ(34.1634, 23.3910, 54.3023)

Have a look what the booklet for
XYZ(34.1634, 23.3910, 54.3023)
contains.

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Color

**XYZ(34.2712, 23.4378,
54.3474)**

Conversions

Conversions Part 1

Format	Color
Hex	B865C3
RGB	184, 101, 195
RGB Percent	72%, 40%, 76%
CMY	0.2784, 0.6039, 0.2353
CMYK	0.06, 0.48, 0.00, 0.24
HSL	293°, 44%, 58%
HSV	293°, 48%, 76%
XYZ	34.2712, 23.4378, 54.3474
YIQ	136.5330, 19.2940, 46.8300

Conversions

Conversions Part 2

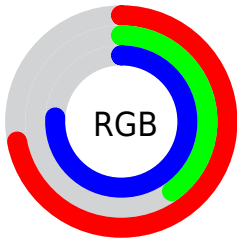
Format	Color
RYB	184, 101, 195
Decimal	12084675
CIELab	55.52, 47.60, -35.34
CIELCh	56, 59.283, 323.410
Yxy	23.4378, 0.3058, 0.2092
Android (android.graphics.Color)	4290274755 (0xFFB865C3)
YUV	136.5330, 28.8242, 41.6286
Hunter-Lab	48.4126, 41.6378, -32.6694

Details

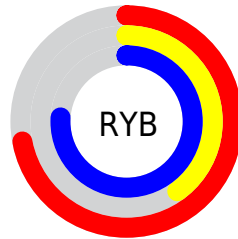
The XYZ color **34.2712, 23.4378, 54.3474** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **28.5468, 43.4150, 19.1883**, and the grayscale version is **23.4924, 24.7159, 26.9156**.

A 20% lighter version of the original color is **65.7442, 49.0167, 98.0915**, and **14.9593, 8.7868, 26.1069** is the 20% darker color. If you saturate the color by 10%, you get **32.0557, 19.8112, 53.7645**, and if you desaturate by 10%, it is **36.9463, 27.9693, 55.0814**.

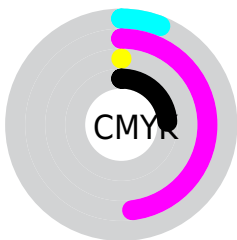
Distribution



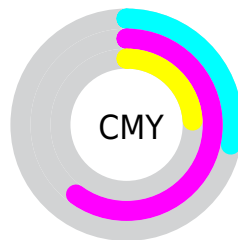
- Red (72%)
- Green (40%)
- Blue (76%)



- Red (72%)
- Yellow (40%)
- Blue (76%)



- Cyan (6%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2712, 23.4378, 54.3474 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 34.2712, 23.4378, 54.3474 by changing the saturation by 10% instead.

34.2712, 23.4378,
54.3474

34.2712, 23.4378,
54.3474

312.9043,
269.9657, 420.6454

23.2659, 14.9171,
38.4844

65.6967, 49.1112,
98.0457

14.9117, 8.7612,
26.0541

86.8476, 67.0327,
126.7180

8.8434, 4.5858,
16.6380

112.1110, 88.8566,
160.4973

4.6955, 2.0063,
9.8175

141.8524,
114.9673, 199.8019

2.1026, 0.6111,
5.1741

176.4371,
145.7491, 245.0505

0.6906, 0.0000,
2.2893

216.2304,

0.0000, 0.0000,

181.5866, 296.6616

0.7252

261.5977,
222.8640, 355.0537

■ 0.0000, 0.0000,
0.0000

■ 34.2712, 23.4378,
54.3474

■ 34.2712, 23.4378,
54.3474

■ 32.0557, 19.8112,
53.7645

■ 36.9463, 27.9693,
55.0814

■ 30.2651, 17.0218,
53.3205

■ 40.1076, 33.4608,
55.9748

■ 28.8635, 14.9975,
53.0036


■ 43.7828, 39.9667,
57.0368


■ 27.8080, 13.6526,
52.7997


■ 47.9965, 47.5364,
58.2758


■ 27.0321, 12.8541,
52.6864


■ 52.7718, 56.2160,
59.6995

 26.9039, 12.7315,
52.6695

 58.1305, 66.0491,
61.3150

 64.0932, 77.0767,
63.1293

 70.0368, 88.0524,
64.9346

 70.6598, 88.3736,
64.9637

Harmonies

Analogous

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



27.7831, 23.4378, 76.3898



34.2712, 23.4378, 54.3474



37.6380, 23.4378, 29.9811

Triad

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



34.2712, 23.4378, 54.3474



23.7846, 23.4378, 3.6386



12.4419, 23.4378, 43.1145

Complementary

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



34.2712, 23.4378, 54.3474



28.5468, 43.4150, 19.1883

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.



11.7937, 23.4378, 21.5246



34.2712, 23.4378, 54.3474



17.5510, 23.4378, 4.4533

Square

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



34.2712, 23.4378, 54.3474



30.8493, 23.4378, 5.9069



13.4692, 23.4378, 9.2668



15.4608, 23.4378, 67.9481

Rectangle

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



34.2712, 23.4378, 54.3474



37.2626, 23.4378, 17.9000



13.4692, 23.4378, 9.2668



11.9683, 23.4378, 35.0431

Sweetspot

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



34.2720, 23.4388, 54.3479



81.3055, 76.7517, 102.9991



21.1828, 18.6374, 54.1110



17.4516, 16.1747, 22.4522



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.



34.2720, 23.4388, 54.3479



57.1648, 35.0871, 96.2293



33.5520, 23.4671, 36.2649



10.3775, 10.1858, 12.7039



17.5321, 8.2986, 34.2344



0.7910, 0.3758, 1.4807

Inverse Universe

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



30.0846, 22.0802, 18.0063



49.0504, 32.5277, 22.4854



29.2888, 43.5599, 29.9595



10.1201, 10.0966, 10.7228



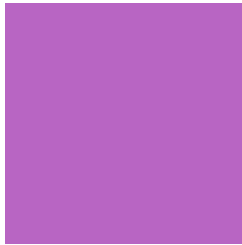
14.7433, 7.5871, 1.2945



0.6533, 0.3343, 0.1415

Previews

White Background



This preview shows how the XYZ color 34.2712, 23.4378, 54.3474 looks on a white background.

Color Contrast Check

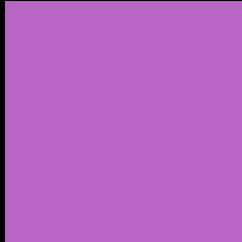
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2712, 23.4378, 54.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

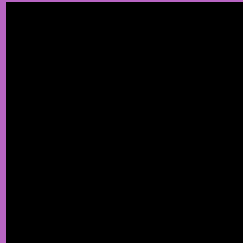
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2712, 23.4378, 54.3474

Background



This preview shows how black text looks on a background with the XYZ color 34.2712, 23.4378, 54.3474.



This preview shows how white text looks on a background with the XYZ color 34.2712, 23.4378,

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

34.2712, 23.4378, 54.3474

Protanopia

25.8307, 23.6740, 70.9183

Deuteranopia

24.2466, 23.6874, 51.4383



Tritanopia

27.8064, 23.3429, 22.7787

Trichromacy



Original Color

34.2712, 23.4378, 54.3474

Protanomaly

27.4080, 22.5639, 64.5387

Deuteranomaly

26.8888, 22.9253, 52.2980

Tritanomaly

29.6305, 23.0682, 32.1691

Monochromacy



Original Color

34.2712, 23.4378, 54.3474

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.7056, 23.7540, 35.5252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2712, 23.4378, 54.3474 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, 101, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 101, 195)  
}
```

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, 101, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 101, 195) }
```

Border

The CSS property to change the border of an element to XYZ 34.2712, 23.4378, 54.3474 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, 101, 195) }
```


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

```
.border{ border-color:rgb(184, 101, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 101, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 101, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 101, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 101,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2712, 23.4378, 54.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 101, 195) }
```

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

```
.background{ background-color: rgb(184,  
101, 195) }
```

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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