

Converting Colors

XYZ(34.3454, 23.9050, 41.5709)

Have a look what the booklet for
XYZ(34.3454, 23.9050, 41.5709)
contains.

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Color

**XYZ(34.3502, 23.9124,
41.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	C266AB
RGB	194, 102, 171
RGB Percent	76%, 40%, 67%
CMY	0.2392, 0.6000, 0.3294
CMYK	0.00, 0.47, 0.12, 0.24
HSL	315°, 43%, 58%
HSV	315°, 47%, 76%
XYZ	34.3502, 23.9124, 41.3332
YIQ	137.3740, 32.6830, 40.9630

Conversions

Conversions Part 2

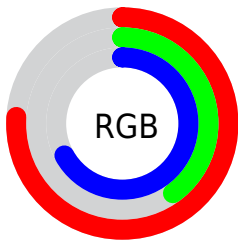
Format	Color
RYB	194, 102, 171
Decimal	12740267
CIELab	56.00, 45.81, -20.68
CIElCh	56, 50.256, 335.707
Yxy	23.9124, 0.3449, 0.2401
Android (android.graphics.Color)	4290930347 (0xFFC266AB)
YUV	137.3740, 16.5776, 49.6610
Hunter-Lab	48.9003, 39.8124, -15.8849

Details

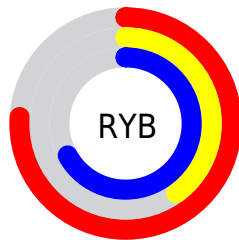
The XYZ color **34.3502, 23.9124, 41.3332** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **28.4741, 42.8898, 26.1817**, and the grayscale version is **23.8507, 25.0928, 27.3261**.

A 20% lighter version of the original color is **65.7608, 49.9634, 78.1294**, and **14.9516, 9.0164, 18.4051** is the 20% darker color. If you saturate the color by 10%, you get **32.2082, 20.3544, 38.3800**, and if you desaturate by 10%, it is **36.9568, 28.3716, 44.5254**.

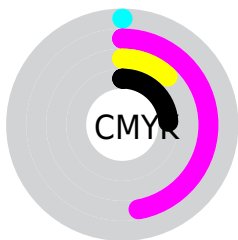
Distribution



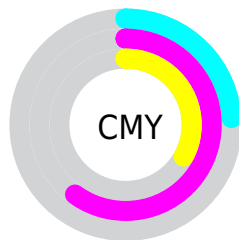
- Red (76%)
- Green (40%)
- Blue (67%)



- Red (76%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (47%)
- Yellow (12%)
- Black (24%)





- Cyan (24%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3502, 23.9124, 41.3332 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 34.3502, 23.9124, 41.3332 by changing the saturation by 10% instead.

 34.3502, 23.9124,
41.3332

 34.3502, 23.9124,
41.3332


313.2493,
272.3773, 367.4291


 23.3269, 15.2687,
28.2579


 65.8186, 49.8872,
78.4486


 14.9571, 9.0081,
18.2794


 86.9944, 67.9871,
103.3258

 8.8754, 4.7465,
10.9793


 112.2851, 90.0077,
132.9739

 4.7165, 2.0993,
5.9389

 142.0560,
116.3336, 167.8117

 2.1149, 0.6642,
2.7398

176.6725,
147.3491, 208.2575

 0.6973, 0.0000,
0.9634

216.5000,

 0.0000, 0.0000,

183.4387, 254.7300

0.0000

261.9038,
224.9866, 307.6477

■ 34.3502, 23.9124,
41.3332

■ 34.3502, 23.9124,
41.3332

■ 32.2082, 20.3544,
38.3800

■ 36.9568, 28.3716,
44.5254

■ 30.4967, 17.6310,
35.6529

■ 40.0544, 33.7858,
47.9657

■ 29.1807, 15.6719,
33.1396

■ 43.6701, 40.2085,
51.6641

■ 28.2181, 14.3934,
30.8251

■ 47.8283, 47.6882,
55.6297

■ 27.5494, 13.6768,
28.6886

■ 52.5519, 56.2704,
59.8708

■ 27.3976, 13.5292,
28.1572

■ 57.8624, 65.9979,
64.3955

■ 63.7801, 76.9110,
69.2113

■ 69.6166, 87.6327,
74.0897

■ 70.2295, 87.8779,
77.3172

Harmonies

Analogous

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



29.8004, 23.9124, 61.0801



34.3502, 23.9124, 41.3332



35.5802, 23.9124, 23.0171

Triad

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



34.3502, 23.9124, 41.3332



21.6477, 23.9124, 5.5446



14.8895, 23.9124, 49.1963

Complementary

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



34.3502, 23.9124, 41.3332



28.4741, 42.8898, 26.1817

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.



13.4165, 23.9124, 29.3091



34.3502, 23.9124, 41.3332



16.8737, 23.9124, 7.8752

Square

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



34.3502, 23.9124, 41.3332



27.5799, 23.9124, 6.5417



14.0766, 23.9124, 15.0735



18.4814, 23.9124, 66.8014

Rectangle

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



34.3502, 23.9124, 41.3332



34.1989, 23.9124, 14.5878



14.0766, 23.9124, 15.0735



14.1604, 23.9124, 42.3026

Sweetspot

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



34.3510, 23.9135, 41.3337



81.4190, 76.9687, 95.8460



22.9476, 17.7592, 53.2577



17.4809, 16.2297, 20.6500



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.



34.3510, 23.9135, 41.3337



58.1852, 36.6042, 69.2861



30.7021, 22.4540, 22.1193



10.3862, 10.2031, 12.1243



18.0472, 8.9086, 18.6925



0.8060, 0.3954, 0.9458

Inverse Universe

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



34.3510, 23.9135, 41.3337



58.1852, 36.6042, 69.2861



32.1229, 44.3493, 45.3962



10.3862, 10.2031, 12.1243



18.0472, 8.9086, 18.6925



0.8060, 0.3954, 0.9458

Previews

White Background



This preview shows how the XYZ color 34.3502, 23.9124, 41.3332 looks on a white background.

Color Contrast Check

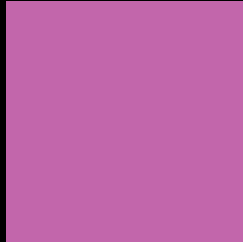
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3502, 23.9124, 41.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

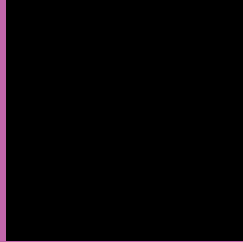
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3502, 23.9124, 41.3332

Background



This preview shows how black text looks on a background with the XYZ color 34.3502, 23.9124, 41.3332.



This preview shows how white text looks on a background with the XYZ color 34.3502, 23.9124,

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

34.3502, 23.9124, 41.3332

Protanopia

25.1954, 24.3149, 54.4042

Deuteranopia

24.6499, 24.1612, 39.4408



Tritanopia

30.0954, 23.8821, 21.1127

Trichromacy



Original Color

34.3502, 23.9124, 41.3332



Protanomaly

27.3241, 23.3935, 49.5296



Deuteranomaly

27.4228, 23.4705, 40.1307



Tritanomaly

31.3640, 23.7485, 27.3570

Monochromacy



Original Color

34.3502, 23.9124, 41.3332



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

26.7330, 23.8543, 31.6291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3502, 23.9124, 41.3332 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(194, 102, 171)` looks like.

```
.text, #text, p{  
    color:rgb(194, 102, 171)  
}
```

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(194, 102, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 102, 171) }
```

Border

The CSS property to change the border of an element to XYZ 34.3502, 23.9124, 41.3332 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(194, 102, 171) }
```


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

```
.border{ border-color:rgb(194, 102, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 102, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 102, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 102, 171);  
box-shadow:4px 4px 4px 4px rgb(194, 102,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3502, 23.9124, 41.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 102, 171) }
```

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

```
.background{ background-color: rgb(194,  
102, 171) }
```

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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