

Converting Colors

XYZ(34.5328, 24.0674, 41.7124)

Have a look what the booklet for
XYZ(34.5328, 24.0674, 41.7124)
contains.

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Color

**XYZ(34.4459, 23.9506,
41.8372)**

Conversions

Conversions Part 1

Format	Color
Hex	C266AC
RGB	194, 102, 172
RGB Percent	76%, 40%, 67%
CMY	0.2392, 0.6000, 0.3255
CMYK	0.00, 0.47, 0.11, 0.24
HSL	314°, 43%, 58%
HSV	314°, 47%, 76%
XYZ	34.4459, 23.9506, 41.8372
YIQ	137.4880, 32.3620, 41.2740

Conversions

Conversions Part 2

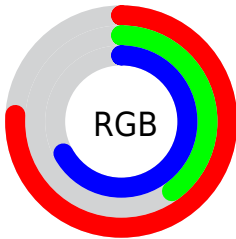
Format	Color
RYB	194, 102, 172
Decimal	12740268
CIELab	56.04, 45.97, -21.20
CIELCh	56, 50.622, 335.247
Yxy	23.9506, 0.3437, 0.2389
Android (android.graphics.Color)	4290930348 (0xFFC266AC)
YUV	137.4880, 17.0144, 49.5610
Hunter-Lab	48.9394, 39.9931, -16.4282

Details

The XYZ color **34.4459, 23.9506, 41.8372** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **28.4104, 42.8644, 25.8467**, and the grayscale version is **23.8923, 25.1365, 27.3737**.

A 20% lighter version of the original color is **66.0369, 50.0738, 79.5835**, and **15.0120, 9.0405, 18.7231** is the 20% darker color. If you saturate the color by 10%, you get **32.3200, 20.3990, 38.9685**, and if you desaturate by 10%, it is **37.0350, 28.4028, 44.9375**.

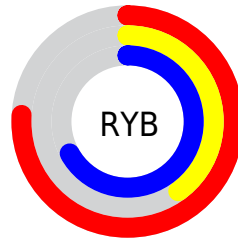
Distribution



Red (76%)

Green (40%)

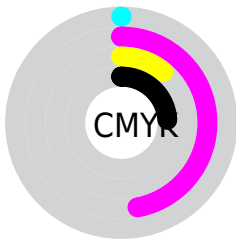
Blue (67%)



Red (76%)

Yellow (40%)

Blue (67%)

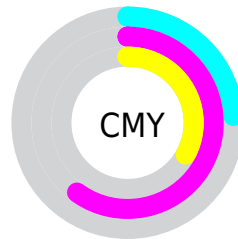


Cyan (0%)

Magenta (47%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (60%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4459, 23.9506, 41.8372 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 34.4459, 23.9506, 41.8372 by changing the saturation by 10% instead.


 34.4459, 23.9506,
41.8372


 34.4459, 23.9506,
41.8372


313.6668,
272.5706, 369.5874


 23.4009, 15.2970,
28.6492


 65.9662, 49.9496,
79.2206


 15.0121, 9.0281,
18.5723


 87.1721, 68.0637,
104.2531

 8.9143, 4.7595,
11.1880


 112.4958, 90.1002,
134.0709

 4.7420, 2.1069,
6.0777

 142.3025,
116.4433, 169.0924

 2.1299, 0.6685,
2.8228

176.9576,
147.4775, 209.7363

 0.7054, 0.0000,
1.0049

216.8264,

 0.0000, 0.0000,

183.5872, 256.4211

0.0000

262.2744,
225.1568, 309.5652

■ 34.4459, 23.9506,
41.8372

■ 34.4459, 23.9506,
41.8372

■ 32.3200, 20.3990,
38.9685

■ 37.0350, 28.4028,
44.9375

■ 30.6232, 17.6816,
36.3187

■ 40.1137, 33.8094,
48.2782

■ 29.3204, 15.7277,
33.8754


■ 43.7090, 40.2239,
51.8694


■ 28.3698, 14.4541,
31.6239


■ 47.8454, 47.6949,
55.7200


■ 27.7118, 13.7417,
29.5435

■ 52.5457, 56.2678,
59.8383

 27.5626, 13.5951,
29.0256

 57.8313, 65.9852,
64.2322

 63.7226, 76.8878,
68.9091

 69.5313, 87.5986,
73.6403

 70.1147, 87.8320,
76.7123

Harmonies

Analogous

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



29.8131, 23.9506, 61.7482



34.4459, 23.9506, 41.8372



35.7488, 23.9506, 23.2695

Triad

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



34.4459, 23.9506, 41.8372



21.7613, 23.9506, 5.4693



14.8286, 23.9506, 49.1473

Complementary

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



34.4459, 23.9506, 41.8372



28.4104, 42.8644, 25.8467

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.



13.3798, 23.9506, 29.1041



34.4459, 23.9506, 41.8372



16.9246, 23.9506, 7.7435

Square

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



34.4459, 23.9506, 41.8372



27.7516, 23.9506, 6.5169



14.0766, 23.9506, 14.8759



18.4135, 23.9506, 67.0745

Rectangle

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



34.4459, 23.9506, 41.8372



34.3925, 23.9506, 14.7052



14.0766, 23.9506, 14.8759



14.1060, 23.9506, 42.1795

Sweetspot

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



34.4467, 23.9517, 41.8377



81.4773, 76.9920, 96.1530



22.7254, 17.6445, 53.2474



17.4956, 16.2356, 20.7270



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.



34.4467, 23.9517, 41.8377



58.3891, 36.6858, 70.3595



30.8009, 22.4934, 22.6391



10.3910, 10.2050, 12.1494



18.1547, 8.9516, 19.2587



0.8099, 0.3970, 0.9663

Inverse Universe

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



34.4467, 23.9517, 41.8377



58.3891, 36.6858, 70.3595



31.9775, 44.2912, 44.6308



10.3910, 10.2050, 12.1494



18.1547, 8.9516, 19.2587



0.8099, 0.3970, 0.9663

Previews

White Background



This preview shows how the XYZ color 34.4459, 23.9506, 41.8372 looks on a white background.

Color Contrast Check

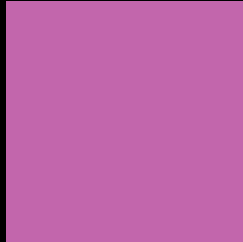
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4459, 23.9506, 41.8372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

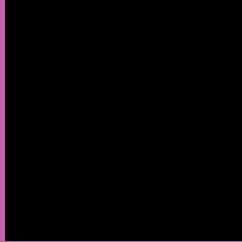
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4459, 23.9506, 41.8372

Background



This preview shows how black text looks on a background with the XYZ color 34.4459, 23.9506, 41.8372.



This preview shows how white text looks on a background with the XYZ color 34.4459, 23.9506,

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

34.4459, 23.9506, 41.8372

Protanopia

25.3081, 24.3600, 54.9978

Deuteranopia

24.7420, 24.1981, 39.9259



Tritanopia

30.0954, 23.8821, 21.1127

Trichromacy



Original Color

34.4459, 23.9506, 41.8372

Protanomaly

27.4308, 23.4362, 50.0916

Deuteranomaly

27.5164, 23.5079, 40.6233

Tritanomaly

31.4375, 23.7779, 27.7436

Monochromacy



Original Color

34.4459, 23.9506, 41.8372

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.8132, 23.8864, 32.0515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4459, 23.9506, 41.8372 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(194, 102, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 102, 172) }
```

Border

The CSS property to change the border of an element to XYZ 34.4459, 23.9506, 41.8372 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, 172) }
```


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

```
.border{ border-color:rgb(194, 102, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 102, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 102, 172);  
box-shadow:4px 4px 4px 4px rgb(194, 102,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4459, 23.9506, 41.8372 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, 172) }
```

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

```
.background{ background-color: rgb(194,  
102, 172) }
```

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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