

Converting Colors

XYZ(35.0389, 24.4373, 53.9091)

Have a look what the booklet for
XYZ(35.0389, 24.4373, 53.9091)
contains.

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Color

**XYZ(35.0389, 24.4373,
53.9091)**

Conversions

Conversions Part 1

Format	Color
Hex	BA69C2
RGB	186, 105, 194
RGB Percent	73%, 41%, 76%
CMY	0.2706, 0.5882, 0.2392
CMYK	0.04, 0.46, 0.00, 0.24
HSL	295°, 42%, 59%
HSV	295°, 46%, 76%
XYZ	35.0389, 24.4373, 53.9091
YIQ	139.3650, 19.7070, 44.8510

Conversions

Conversions Part 2

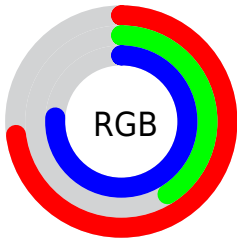
Format	Color
RYB	186, 105, 194
Decimal	12216770
CIELab	56.52, 45.92, -33.18
CIELCh	57, 56.650, 324.146
Yxy	24.4373, 0.3090, 0.2155
Android (android.graphics.Color)	4290406850 (0xFFBA69C2)
YUV	139.3650, 26.9351, 40.8989
Hunter-Lab	49.4341, 40.0112, -30.0533

Details

The XYZ color **35.0389, 24.4373, 53.9091** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **28.6524, 43.1148, 20.1776**, and the grayscale version is **24.5761, 25.8560, 28.1571**.

A 20% lighter version of the original color is **66.9477, 50.6519, 97.5150**, and **15.3668, 9.2650, 25.7893** is the 20% darker color. If you saturate the color by 10%, you get **32.8629, 20.7098, 53.3047**, and if you desaturate by 10%, it is **37.6724, 29.0709, 54.6650**.

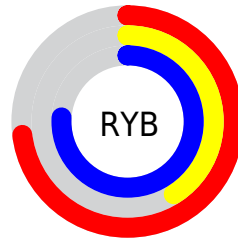
Distribution



Red (73%)

Green (41%)

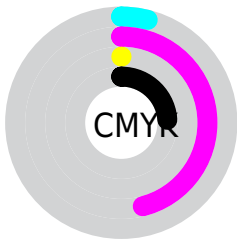
Blue (76%)



Red (73%)

Yellow (41%)

Blue (76%)

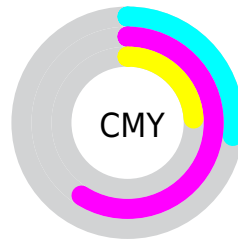


Cyan (4%)

Magenta (46%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (59%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0389, 24.4373, 53.9091 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 35.0389, 24.4373, 53.9091 by changing the saturation by 10% instead.

 35.0389, 24.4373,
53.9091

 35.0389, 24.4373,
53.9091


316.2450,
275.0239, 418.9281

 23.8595, 15.6583,
38.1363


 66.8797, 50.7429,
97.3958


 15.3536, 9.2827,
25.7858


 88.2717, 69.0383,
125.9468

 9.1559, 4.9260,
16.4392


 113.7987, 91.2746,
159.5943

 4.9009, 2.2039,
9.6777

 143.8260,
117.8362, 198.7569

 2.2234, 0.7221,
5.0830

178.7189,
149.1076, 243.8530

 0.7550, 0.0000,
2.2365

218.8428,

 0.0000, 0.0000,

185.4731, 295.3012

0.6953

264.5630,
227.3170, 353.5200

■ 0.0000, 0.0000,
0.0000

■ 35.0389, 24.4373,
53.9091

■ 35.0389, 24.4373,
53.9091

■ 32.8629, 20.7098,
53.3047

■ 37.6724, 29.0709,
54.6650

■ 31.1109, 17.8232,
52.8398

■ 40.7891, 34.6638,
55.5803

■ 29.7486, 15.7085,
52.5035

■ 44.4156, 41.2687,
56.6640

■ 28.7355, 14.2845,
52.2820

■ 48.5760, 48.9335,
57.9242

■ 28.0205, 13.4492,
52.1584

■ 53.2927, 57.7031,
59.3683

■ 27.7699, 13.1910,
52.1218

■ 58.5869, 67.6200,
61.0034

■ 64.4786, 78.7241,
62.8362

■ 69.3041, 87.6877,
64.3121

■ 69.7723, 87.9291,
64.3340

Harmonies

Analogous

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



28.7849, 24.4373, 75.1322



35.0389, 24.4373, 53.9091



38.1896, 24.4373, 30.4697

Triad

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



35.0389, 24.4373, 53.9091



24.5388, 24.4373, 4.4101



13.5045, 24.4373, 44.3131

Complementary

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



35.0389, 24.4373, 53.9091



28.6524, 43.1148, 20.1776

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.



12.7935, 24.4373, 23.0873



35.0389, 24.4373, 53.9091



18.4348, 24.4373, 5.3703

Square

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



35.0389, 24.4373, 53.9091



31.4362, 24.4373, 6.7420



14.4217, 24.4373, 10.5494



16.5879, 24.4373, 68.0017

Rectangle

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



35.0389, 24.4373, 53.9091



37.7496, 24.4373, 18.7120



14.4217, 24.4373, 10.5494



13.0078, 24.4373, 36.4614

Sweetspot

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



35.0397, 24.4384, 53.9096



81.6470, 76.9277, 103.0151



21.5703, 18.9115, 53.5528



17.5377, 16.2190, 22.4562



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.



35.0397, 24.4384, 53.9096



59.5397, 37.5220, 96.5742



33.5065, 24.0559, 35.4068



10.4052, 10.2000, 12.7052



18.2937, 8.6912, 34.2700



0.8170, 0.3892, 1.4820

Inverse Universe

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



30.2811, 22.7658, 18.4220



50.0518, 34.2332, 23.7362



29.8963, 43.4987, 31.8650



10.1091, 10.0923, 10.6653



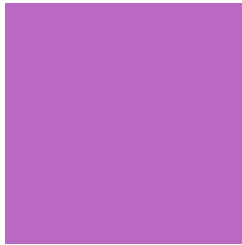
14.7098, 7.5737, 1.1178



0.6483, 0.3323, 0.1155

Previews

White Background



This preview shows how the XYZ color 35.0389, 24.4373, 53.9091 looks on a white background.

Color Contrast Check

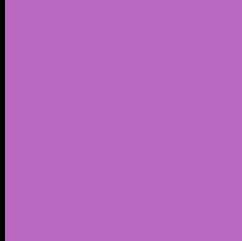
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0389, 24.4373, 53.9091 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 35.0389, 24.4373, 53.9091

Background



This preview shows how black text looks on a background with the XYZ color 35.0389, 24.4373, 53.9091.



This preview shows how white text looks on a background with the XYZ color 35.0389, 24.4373,

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

35.0389, 24.4373, 53.9091

Protanopia

26.7513, 24.7801, 69.7028

Deuteranopia

25.1816, 24.5759, 51.5605



Tritanopia

28.8104, 24.3650, 23.9533

Trichromacy



Original Color

35.0389, 24.4373, 53.9091



Protanomaly

28.4231, 23.8377, 63.4247



Deuteranomaly

27.8146, 23.7671, 52.4117



Tritanomaly

30.7029, 24.2647, 33.2023

Monochromacy



Original Color

35.0389, 24.4373, 53.9091



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

27.5577, 24.7499, 36.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0389, 24.4373, 53.9091 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(186, 105, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 105, 194)  
}
```

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(186, 105, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 105, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.0389, 24.4373, 53.9091 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(186, 105, 194) }
```


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

```
.border{ border-color:rgb(186, 105, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 105, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 105, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 105, 194);  
box-shadow:4px 4px 4px 4px rgb(186, 105,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0389, 24.4373, 53.9091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 105, 194) }
```

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

```
.background{ background-color: rgb(186,  
105, 194) }
```

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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