

Converting Colors

XYZ(41.4945, 24.4585, 34.6272)

Have a look what the booklet for
XYZ(41.4945, 24.4585, 34.6272)
contains.

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Color

**XYZ(41.5569, 24.4554,
34.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	E74B9D
RGB	231, 75, 157
RGB Percent	91%, 29%, 62%
CMY	0.0941, 0.7058, 0.3843
CMYK	0.00, 0.68, 0.32, 0.09
HSL	328°, 76%, 60%
HSV	328°, 68%, 91%
XYZ	41.5569, 24.4554, 34.4284
YIQ	130.9920, 66.6540, 58.5740

Conversions

Conversions Part 2

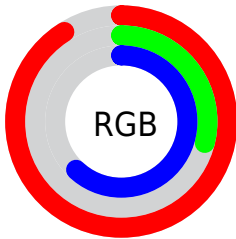
Format	Color
R _{YB}	231, 75, 157
Decimal	15158173
CIE _{Lab}	56.54, 66.82, -11.18
CIE _{LCh}	57, 67.747, 350.498
Y _{xy}	24.4554, 0.4137, 0.2435
Android (android.graphics.Color)	4293348253 (0xFFE74B9D)
YUV	130.9920, 12.8219, 87.7070
Hunter-Lab	49.4524, 63.4592, -6.6606

Details

The XYZ color **41.5569, 24.4554, 34.4284** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **36.9039, 60.8184, 38.2315**, and the grayscale version is **21.5109, 22.6311, 24.6453**.

A 20% lighter version of the original color is **61.5112, 42.7885, 67.3044**, and **19.3961, 9.6985, 14.4854** is the 20% darker color. If you saturate the color by 10%, you get **39.3706, 21.5135, 29.2888**, and if you desaturate by 10%, it is **44.3970, 28.5704, 40.2003**.

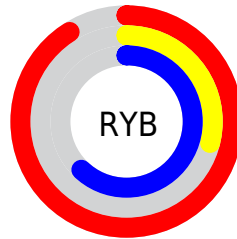
Distribution



Red (91%)

Green (29%)

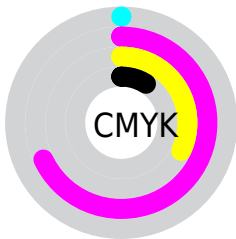
Blue (62%)



Red (91%)

Yellow (29%)

Blue (62%)

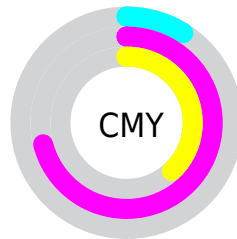


Cyan (0%)

Magenta (68%)

Yellow (32%)

Black (9%)



Cyan (9%)


Magenta (71%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5569, 24.4554, 34.4284 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 41.5569, 24.4554, 34.4284 by changing the saturation by 10% instead.

 41.5569, 24.4554,
34.4284


 41.5569, 24.4554,
34.4284


343.6658,
275.1148, 336.8654

 28.9441, 15.6718,
22.9429


 76.7979, 50.7723,
67.7408


 19.1826, 9.2922,
14.3464


 100.1569, 69.0744,
90.4048


 11.9071, 4.9323,
8.2205


 127.8286, 91.3182,
117.6320

 6.7522, 2.2076,
4.1466

 160.1784,
117.8879, 149.8409

 3.3526, 0.7241,
1.7061

 197.5717,
149.1680, 187.4502

 1.3428, 0.0000,
0.3649

240.3737,

 0.2149, 0.0000,

185.5430, 230.8784

0.0000

288.9500,
227.3971, 280.5439

■ 0.0000, 0.0000,
0.0000

■ 41.5569, 24.4554,
34.4284

■ 41.5569, 24.4554,
34.4284

■ 39.3706, 21.5135,
29.2888

■ 44.3970, 28.5704,
40.2003

■ 37.7689, 19.6100,
24.7472

■ 47.9462, 33.9659,
46.6329


■ 36.6631, 18.5713,
20.7628


■ 52.2559, 40.7415,
53.7535

■ 36.4319, 18.3797,
19.8511


■ 57.3719, 48.9858,
61.5872

■ 63.3364, 58.7798,
70.1573

 70.1885, 70.1988,
79.4860

 77.9646, 83.3129,
89.5943

 85.1457, 95.0812,
99.9846

 86.7651, 95.7290,
108.5123

Harmonies

Analogous

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



36.9598, 24.4554, 64.7251



41.5569, 24.4554, 34.4284



40.4628, 24.4554, 14.1677

Triad

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



41.5569, 24.4554, 34.4284



18.3446, 24.4554, 3.1834



14.8971, 24.4554, 75.9145

Complementary

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



41.5569, 24.4554, 34.4284



36.9039, 60.8184, 38.2315

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.



11.7698, 24.4554, 44.8362



41.5569, 24.4554, 34.4284



13.4265, 24.4554, 7.4979

Square

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



41.5569, 24.4554, 34.4284



25.8285, 24.4554, 2.6904



11.3002, 24.4554, 20.1045



20.8382, 24.4554, 96.1646

Rectangle

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



41.5569, 24.4554, 34.4284



36.7301, 24.4554, 7.2529



11.3002, 24.4554, 20.1045



13.5440, 24.4554, 65.7732

Sweetspot

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



41.5576, 24.4567, 34.4288



77.2293, 70.2043, 84.9384



29.1180, 17.0807, 77.3637



16.0722, 14.2733, 17.5259



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.



41.5576, 24.4567, 34.4288



48.4026, 25.8458, 34.3431



36.9275, 22.6046, 10.0468



14.6919, 14.4939, 16.5779



20.4875, 10.3292, 11.4619



1.5608, 0.7820, 1.0939

Inverse Universe

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



41.5576, 24.4567, 34.4288



48.4026, 25.8458, 34.3431



45.1784, 64.1282, 81.8049



14.6919, 14.4939, 16.5779



20.4875, 10.3292, 11.4619



1.5608, 0.7820, 1.0939

Previews

White Background



This preview shows how the XYZ color 41.5569, 24.4554, 34.4284 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 41.5569, 24.4554, 34.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

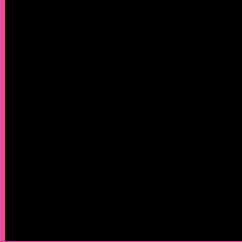
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.5569, 24.4554, 34.4284

Background



This preview shows how black text looks on a background with the XYZ color 41.5569, 24.4554, 34.4284.



This preview shows how white text looks on a background with the XYZ color 41.5569, 24.4554,

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

41.5569, 24.4554, 34.4284

Protanopia

25.7884, 24.7722, 56.8484

Deuteranopia

25.0038, 24.5121, 31.8472



Tritanopia

37.1315, 24.3256, 13.8046

Trichromacy



Original Color

41.5569, 24.4554, 34.4284

Protanomaly

28.3570, 22.3973, 47.6283

Deuteranomaly

29.0311, 22.7498, 32.5668

Tritanomaly

38.5134, 24.2990, 19.7998

Monochromacy



Original Color

41.5569, 24.4554, 34.4284

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

26.3544, 21.4778, 27.5675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5569, 24.4554, 34.4284 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(231, 75, 157)` looks like.

```
.text, #text, p{  
    color:rgb(231, 75, 157)  
}
```

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(231, 75, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 75, 157) }
```

Border

The CSS property to change the border of an element to XYZ 41.5569, 24.4554, 34.4284 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(231, 75, 157) }
```


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

```
.border{ border-color:rgb(231, 75, 157) }
```

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

Here you see how a box with a 4 pixel rgb(231, 75, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 75, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 75, 157);  
box-shadow:4px 4px 4px 4px rgb(231, 75,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5569, 24.4554, 34.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 75, 157) }
```

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

```
.background{ background-color: rgb(231, 75,  
157) }
```

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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