

Converting Colors

XYZ(130.5661, 72.5349,
43.4937)

Have a look what the booklet for
XYZ(130.5661, 72.5349, 43.4937)
contains.

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Color

**XYZ(52.3073, 32.2344,
40.0242)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5FA7
RGB	255, 95, 167
RGB Percent	100%, 37%, 65%
CMY	0.0000, 0.6274, 0.3451
CMYK	0.00, 0.63, 0.35, 0.00
HSL	333°, 100%, 69%
HSV	333°, 63%, 100%
XYZ	52.3073, 32.2344, 40.0242
YIQ	151.0480, 72.2480, 56.3120

Conversions

Conversions Part 2

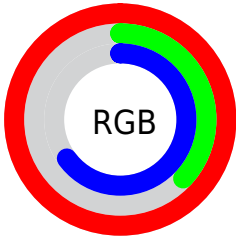
Format	Color
R _{YB}	255, 95, 167
Decimal	16736167
CIE Lab	63.54, 66.91, -6.14
CIE LCh	64, 67.195, 354.760
Yxy	32.2344, 0.4199, 0.2588
Android (android.graphics.Color)	4294926247 (0xFFFF5FA7)
YUV	151.0480, 7.8643, 91.1659
Hunter-Lab	56.7753, 65.0957, -2.0542

Details

The XYZ color **52.3073, 32.2344, 40.0242** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **49.0283, 77.3726, 57.1545**, and the grayscale version is **29.3831, 30.9133, 33.6645**.

A 20% lighter version of the original color is **65.8160, 49.3164, 75.1574**, and **25.7579, 13.5376, 17.4751** is the 20% darker color. If you saturate the color by 10%, you get **49.1473, 27.8782, 32.9168**, and if you desaturate by 10%, it is **56.3610, 38.1529, 48.1239**.

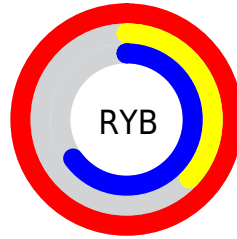
Distribution



Red (100%)

Green (37%)

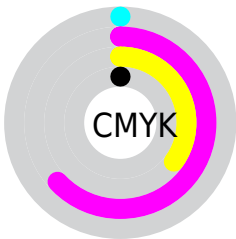
Blue (65%)



Red (100%)

Yellow (37%)

Blue (65%)

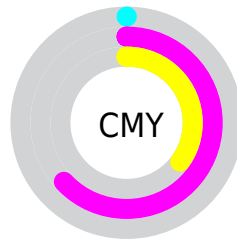


Cyan (0%)

Magenta (63%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3073, 32.2344, 40.0242 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 52.3073, 32.2344, 40.0242 by changing the saturation by 10% instead.


 52.3073, 32.2344,
40.0242


 52.3073, 32.2344,
40.0242


385.9263,
312.1856, 361.7807


 37.4753, 21.5406,
27.2435

 92.7558, 63.1784,
76.4379


 25.7511, 13.5197,
17.5221


 119.1031, 84.1973,
100.9079

 16.7692, 7.7874,
10.4416


 150.0195,
109.4268, 130.1114

 10.1644, 3.9592,
5.5833

 185.8705,
139.2512, 164.4670

 5.5712, 1.6508,
2.5287

227.0212,
174.0549, 204.3932

 2.6243, 0.3915,
0.8553

273.8372,

 0.9584, 0.0000,

214.2222, 250.3085

0.0000

326.6838,
260.1377, 302.6315

■ 0.0000, 0.0000,
0.0000

■ 52.3073, 32.2344,
40.0242

■ 52.3073, 32.2344,
40.0242

■ 49.1473, 27.8782,
32.9168

■ 56.3610, 38.1529,
48.1239

■ 46.7975, 24.9246,
26.7511

■ 61.3764, 45.7630,
57.2588

■ 45.1614, 23.1880,
21.4719

■ 67.4174, 55.1857,
67.4706

■ 44.3198, 22.4919,
18.1478

■ 74.5415, 66.5298,
78.7979

■ 82.8015, 79.8952,
91.2768

92.2471, 95.3750,
104.9419

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



47.8328, 32.2344, 74.0789



52.3073, 32.2344, 40.0242



50.0815, 32.2344, 17.6205

Triad

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



52.3073, 32.2344, 40.0242



23.6952, 32.2344, 6.0013



21.3741, 32.2344, 96.3513

Complementary

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



52.3073, 32.2344, 40.0242



49.0283, 77.3726, 57.1545

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.



17.0175, 32.2344, 61.4441



52.3073, 32.2344, 40.0242



18.1538, 32.2344, 12.9513

Square

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



52.3073, 32.2344, 40.0242



32.3129, 32.2344, 4.7118



15.9716, 32.2344, 30.5932



29.0217, 32.2344, 115.6254

Rectangle

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



52.3073, 32.2344, 40.0242



45.2929, 32.2344, 9.8615



15.9716, 32.2344, 30.5932



19.5435, 32.2344, 85.4037

Sweetspot

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



52.3081, 32.2360, 40.0248



77.4964, 71.2889, 83.3303



41.6724, 25.4738, 97.3283



16.1008, 14.4745, 17.0914



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.



52.3081, 32.2360, 40.0248



48.5489, 27.0945, 31.4439



48.1570, 31.7885, 14.4262



18.3491, 18.1230, 20.4557



23.2308, 11.7816, 9.8659



2.3160, 1.1688, 1.2457

Inverse Universe

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



52.3081, 32.2360, 40.0248



48.5489, 27.0945, 31.4439



56.0311, 76.1752, 106.3579



18.3491, 18.1230, 20.4557



23.2308, 11.7816, 9.8659



2.3160, 1.1688, 1.2457

Previews

White Background



This preview shows how the XYZ color 52.3073, 32.2344, 40.0242 looks on a white background.

Color Contrast Check

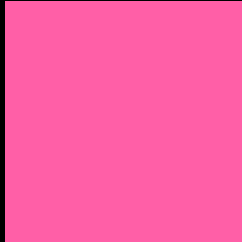
Large Text (above 18pt) WCAG AA × Fail

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 52.3073, 32.2344, 40.0242 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 ✓ Pass

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

XYZ 52.3073, 32.2344, 40.0242

Background



This preview shows how black text looks on a background with the XYZ color 52.3073, 32.2344, 40.0242.



This preview shows how white text looks on a background with the XYZ color 52.3073, 32.2344,

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

52.3073, 32.2344, 40.0242

Protanopia

33.0629, 32.4397, 62.2765

Deuteranopia

32.9418, 32.2136, 37.2825



Tritanopia

48.0786, 32.2395, 19.6084

Trichromacy



Original Color

52.3073, 32.2344, 40.0242

Protanomaly

36.8117, 29.9393, 53.1289

Deuteranomaly

37.9250, 30.4513, 38.0612

Tritanomaly

49.2288, 32.0894, 25.7895

Monochromacy



Original Color

52.3073, 32.2344, 40.0242

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

35.1884, 29.4857, 35.7350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3073, 32.2344, 40.0242 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(255, 95, 167)` looks like.

```
.text, #text, p{  
  color:rgb(255, 95, 167)  
}
```

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(255, 95, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 167) }
```

Border

The CSS property to change the border of an element to XYZ 52.3073, 32.2344, 40.0242 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(255, 95, 167) }
```


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

```
.border{ border-color:rgb(255, 95, 167) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3073, 32.2344, 40.0242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 167) }
```

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

```
.background{ background-color: rgb(255, 95,  
167) }
```

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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