

Converting Colors

XYZ(57.6625, 40.7494, 44.3692)

Have a look what the booklet for
XYZ(57.6625, 40.7494, 44.3692)
contains.

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Color

**XYZ(56.7655, 40.2424,
44.3109)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82AD
RGB	255, 130, 173
RGB Percent	100%, 51%, 68%
CMY	0.0000, 0.4902, 0.3216
CMYK	0.00, 0.49, 0.32, 0.00
HSL	339°, 100%, 75%
HSV	339°, 49%, 100%
XYZ	56.7655, 40.2424, 44.3109
YIQ	172.2770, 60.6970, 39.8730

Conversions

Conversions Part 2

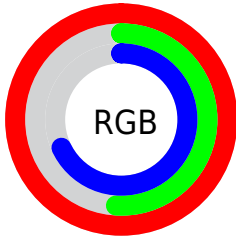
Format	Color
RYB	255, 130, 173
Decimal	16745133
CIELab	69.64, 51.92, -0.55
CIELCh	70, 51.925, 359.390
Yxy	40.2424, 0.4017, 0.2848
Android (android.graphics.Color)	4294935213 (0xFFFF82AD)
YUV	172.2770, 0.3564, 72.5481
Hunter-Lab	63.4369, 48.7133, 2.9916

Details

The XYZ color **56.7655, 40.2424, 44.3109** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.8515, 81.0202, 74.9336**, and the grayscale version is **39.3309, 41.3791, 45.0619**.

A 20% lighter version of the original color is **72.8025, 61.9792, 81.5249**, and **28.5413, 18.1515, 20.0884** is the 20% darker color. If you saturate the color by 10%, you get **52.2654, 33.6726, 35.3182**, and if you desaturate by 10%, it is **62.3107, 48.5778, 54.6528**.

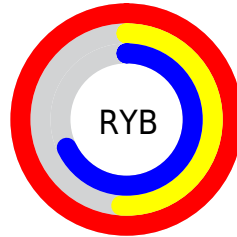
Distribution



Red (100%)

Green (51%)

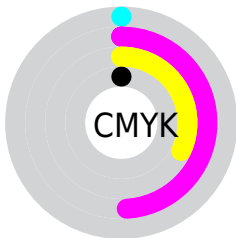
Blue (68%)



Red (100%)

Yellow (51%)

Blue (68%)

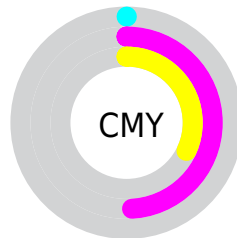


Cyan (0%)

Magenta (49%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7655, 40.2424, 44.3109 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 56.7655, 40.2424, 44.3109 by changing the saturation by 10% instead.


 56.7655, 40.2424,
44.3109


 56.7655, 40.2424,
44.3109


402.5984,
347.1442, 380.0539


 41.0564, 27.7276,
30.5760

 99.2563, 75.5325,
82.9928

 28.5510, 18.1204,
20.0205

 126.7687, 99.0766,
108.7769

 18.8840, 11.0365,
12.2257


 158.9462,
127.0658, 139.4146

 11.6900, 6.0914,
6.7732

196.1542,
159.8847, 175.3242

 6.6037, 2.9007,
3.2444

238.7581,
197.9176, 216.9244

 3.2596, 1.0801,
1.2207

287.1232,

 1.2925, 0.0000,

241.5489, 264.6337

0.0000

341.6149,
291.1629, 318.8707

■ 0.1776, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7655, 40.2424,
44.3109

■ 56.7655, 40.2424,
44.3109

■ 52.2654, 33.6726,
35.3182

■ 62.3107, 48.5778,
54.6528

■ 48.7365, 28.7330,
27.6121

■ 68.9617, 58.7893,
66.3978

■ 46.0999, 25.2781,
21.1275

■ 76.7782, 70.9851,
79.5993

■ 44.2614, 23.1332,
15.7914

■ 85.8144, 85.2636,
94.3073

■ 43.0854, 22.0417, 95.0500, 100.0000,
11.5136 108.9000

■ 42.9895, 21.9598,
11.1430

Harmonies

Analogous

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



53.8903, 40.2424, 71.8208



56.7655, 40.2424, 44.3109



54.1065, 40.2424, 24.8214

Triad

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



56.7655, 40.2424, 44.3109



30.8623, 40.2424, 14.6210



30.6052, 40.2424, 96.8571

Complementary

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



56.7655, 40.2424, 44.3109



56.8515, 81.0202, 74.9336

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.



25.8390, 40.2424, 70.6428



56.7655, 40.2424, 44.3109



25.9715, 40.2424, 24.2426

Square

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



56.7655, 40.2424, 44.3109



38.4212, 40.2424, 11.9427



24.2731, 40.2424, 43.3270



38.0777, 40.2424, 108.1990

Rectangle

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



56.7655, 40.2424, 44.3109



49.7465, 40.2424, 17.2592



24.2731, 40.2424, 43.3270



28.6757, 40.2424, 89.1120

Sweetspot

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



56.7665, 40.2444, 44.3117



80.2583, 76.4649, 85.3235



52.9700, 37.0734, 98.9718



16.7823, 15.7420, 17.6132



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.



56.7665, 40.2444, 44.3117



52.2721, 33.6822, 35.3322



55.9787, 44.2897, 26.7200



18.2672, 18.0902, 20.0245



22.5258, 11.4996, 6.1534



2.2423, 1.1393, 0.8571

Inverse Universe

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



56.7665, 40.2444, 44.3117



52.2721, 33.6822, 35.3322



57.3248, 72.1020, 105.5035



18.2672, 18.0902, 20.0245



22.5258, 11.4996, 6.1534



2.2423, 1.1393, 0.8571

Previews

White Background



This preview shows how the XYZ color 56.7655, 40.2424, 44.3109 looks on a white background.

Color Contrast Check

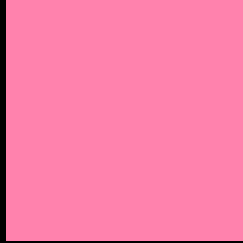
Large Text (above 18pt) WCAG AA × Fail

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 56.7655, 40.2424, 44.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

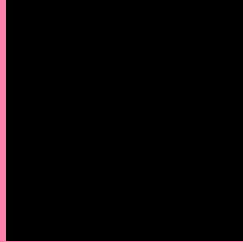
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7655, 40.2424, 44.3109

Background



This preview shows how black text looks on a background with the XYZ color 56.7655, 40.2424, 44.3109.



This preview shows how white text looks on a background with the XYZ color 56.7655, 40.2424,

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

56.7655, 40.2424, 44.3109

Protanopia

39.9919, 40.5141, 58.5355

Deuteranopia

41.1692, 40.3917, 42.1857



Tritanopia

54.2828, 40.2549, 31.6970

Trichromacy



Original Color

56.7655, 40.2424, 44.3109



Protanomaly

44.0871, 39.0793, 52.7964



Deuteranomaly

45.5410, 39.3181, 42.7250



Tritanomaly

55.1770, 40.2124, 35.8640

Monochromacy



Original Color

56.7655, 40.2424, 44.3109



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.8605, 39.6491, 44.3711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7655, 40.2424, 44.3109 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, 130, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 173)  
}
```

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, 130, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 173) }
```

Border

The CSS property to change the border of an element to XYZ 56.7655, 40.2424, 44.3109 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, 130, 173) }
```


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

```
.border{ border-color:rgb(255, 130, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7655, 40.2424, 44.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 173) }
```

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

```
.background{ background-color: rgb(255,  
130, 173) }
```

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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