

Converting Colors

XYZ(43.2702, 32.5661, 44.6660)

Have a look what the booklet for
XYZ(43.2702, 32.5661, 44.6660)
contains.

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Color

**XYZ(43.2230, 32.4639,
44.5455)**

Conversions

Conversions Part 1

Format	Color
Hex	D77EAF
RGB	215, 126, 175
RGB Percent	84%, 49%, 69%
CMY	0.1569, 0.5059, 0.3137
CMYK	0.00, 0.41, 0.19, 0.16
HSL	327°, 53%, 67%
HSV	327°, 41%, 84%
XYZ	43.2230, 32.4639, 44.5455
YIQ	158.1970, 37.3150, 34.1070

Conversions

Conversions Part 2

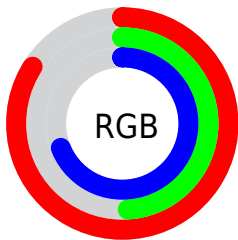
Format	Color
R _Y B	215, 126, 175
Decimal	14122671
CIE Lab	63.72, 40.86, -11.02
CIE LCh	64, 42.318, 344.911
Yxy	32.4639, 0.3595, 0.2700
Android (android.graphics.Color)	4292312751 (0xFFD77EAF)
YUV	158.1970, 8.2839, 49.8162
Hunter-Lab	56.9771, 35.7007, -6.4698

Details

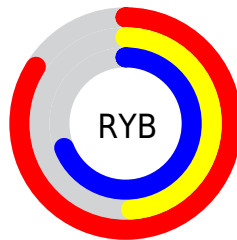
The XYZ color **43.2230, 32.4639, 44.5455** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.7890, 55.7905, 44.7504**, and the grayscale version is **32.5414, 34.2360, 37.2831**.

A 20% lighter version of the original color is **71.9851, 59.6720, 83.3251**, and **20.1245, 13.5967, 20.3026** is the 20% darker color. If you saturate the color by 10%, you get **39.8481, 27.1788, 38.9043**, and if you desaturate by 10%, it is **47.2585, 38.9608, 50.7427**.

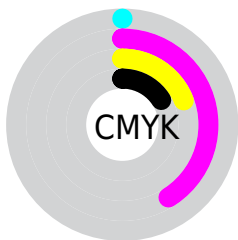
Distribution



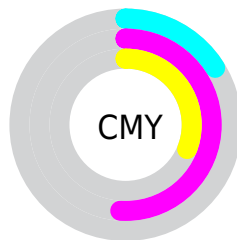
- Red (84%)
- Green (49%)
- Blue (69%)



- Red (84%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (41%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2230, 32.4639, 44.5455 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 43.2230, 32.4639, 44.5455 by changing the saturation by 10% instead.


 43.2230, 32.4639,
44.5455


 43.2230, 32.4639,
44.5455


350.4340,
313.2271, 381.0360


 30.2554, 21.7161,
30.7592

 79.3009, 63.5376,
83.3492

 20.1816, 13.6484,
20.1587


 103.1419, 84.6323,
109.2037

 12.6361, 7.8766,
12.3252


 131.3381,
109.9448, 139.9180

 7.2537, 4.0161,
6.8403

164.2548,
139.8594, 175.9107

 3.6690, 1.6825,
3.2855

202.2574,
174.7605, 217.6003

 1.5166, 0.4123,
1.2422

245.7112,

 0.3371, 0.0000,

215.0326, 265.4054

0.0137

294.9816,
261.0600, 319.7444

■ 0.0000, 0.0000,
0.0000

■ 43.2230, 32.4639,
44.5455

■ 43.2230, 32.4639,
44.5455

■ 39.8481, 27.1788,
38.9043

■ 47.2585, 38.9608,
50.7427

■ 37.0913, 23.0238,
33.7970

■ 51.9879, 46.7349,
57.5127

■ 34.9094, 19.9145,
29.2024

■ 57.4456, 55.8527,
64.8740

■ 33.2521, 17.7525,
25.0961

■ 63.6629, 66.3743,
72.8433

■ 32.0592, 16.4204,
21.4505

■ 70.6689, 78.3566,
81.4366

■ 31.3163, 15.7639,
18.6461

■ 78.4898, 91.8493,
90.6686

■ 79.9085, 92.4168,
98.1395

■ 81.4040, 93.0150,
106.0148

■ 81.8345, 93.1871,
108.2815

Harmonies

Analogous

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



39.6241, 32.4639, 63.8760



43.2230, 32.4639, 44.5455



43.2344, 32.4639, 27.5947

Triad

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



43.2230, 32.4639, 44.5455



28.0146, 32.4639, 12.2546



23.4665, 32.4639, 63.7700

Complementary

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



43.2230, 32.4639, 44.5455



39.7890, 55.7905, 44.7504

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.



21.0992, 32.4639, 44.4317



43.2230, 32.4639, 44.5455



23.4873, 32.4639, 16.9016

Square

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



43.2230, 32.4639, 44.5455



33.9196, 32.4639, 12.2675



21.1063, 32.4639, 27.5120



27.9826, 32.4639, 77.1678

Rectangle

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



43.2230, 32.4639, 44.5455



41.1798, 32.4639, 19.7621



21.1063, 32.4639, 27.5120



22.4202, 32.4639, 57.5174

Sweetspot

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



43.2240, 32.4654, 44.5461



83.9173, 81.1522, 94.6533



35.1551, 27.7827, 67.8000



17.7238, 16.9704, 19.9449



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.



43.2240, 32.4654, 44.5461



59.0519, 40.6313, 57.9714



39.6467, 31.0345, 25.7084



12.7065, 12.5341, 14.3946



18.7850, 9.4503, 11.4378



1.1745, 0.5866, 0.9082

Inverse Universe

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



43.2240, 32.4654, 44.5461



59.0519, 40.6313, 57.9714



44.4225, 57.6439, 69.1505



12.7065, 12.5341, 14.3946



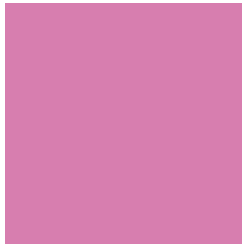
18.7850, 9.4503, 11.4378



1.1745, 0.5866, 0.9082

Previews

White Background



This preview shows how the XYZ color 43.2230, 32.4639, 44.5455 looks on a white background.

Color Contrast Check

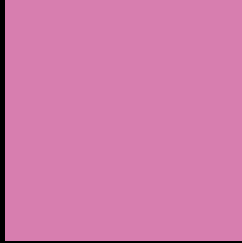
Large Text (above 18pt) WCAG AA × Fail

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 43.2230, 32.4639, 44.5455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

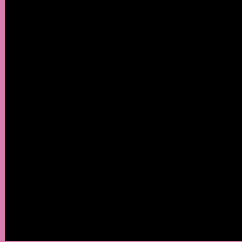
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2230, 32.4639, 44.5455

Background



This preview shows how black text looks on a background with the XYZ color 43.2230, 32.4639, 44.5455.



This preview shows how white text looks on a background with the XYZ color 43.2230, 32.4639,

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

43.2230, 32.4639, 44.5455

Protanopia

32.6939, 32.6525, 55.0315

Deuteranopia

33.3176, 32.7549, 43.0944



Tritanopia

39.9977, 32.3044, 29.7184

Trichromacy



Original Color

43.2230, 32.4639, 44.5455



Protanomaly

35.2630, 31.7361, 50.7215



Deuteranomaly

36.1755, 32.1483, 43.3283



Tritanomaly

40.9667, 32.2954, 34.6463

Monochromacy



Original Color

43.2230, 32.4639, 44.5455



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

35.5701, 32.8218, 39.5825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2230, 32.4639, 44.5455 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(215, 126, 175)` looks like.

```
.text, #text, p{  
    color:rgb(215, 126, 175)  
}
```

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(215, 126, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 126, 175) }
```

Border

The CSS property to change the border of an element to XYZ 43.2230, 32.4639, 44.5455 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(215, 126, 175) }
```


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

```
.border{ border-color:rgb(215, 126, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 126, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 126, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 126, 175);  
box-shadow:4px 4px 4px 4px rgb(215, 126,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2230, 32.4639, 44.5455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 126, 175) }
```

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

```
.background{ background-color: rgb(215,  
126, 175) }
```

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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