

Converting Colors

XYZ(42.3463, 28.2002, 34.2216)

Have a look what the booklet for
XYZ(42.3463, 28.2002, 34.2216)
contains.

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Color

**XYZ(42.3463, 28.2002,
34.2216)**

Conversions

Conversions Part 1

Format	Color
Hex	E3669B
RGB	227, 102, 155
RGB Percent	89%, 40%, 61%
CMY	0.1098, 0.6000, 0.3922
CMYK	0.00, 0.55, 0.32, 0.11
HSL	335°, 69%, 65%
HSV	335°, 55%, 89%
XYZ	42.3463, 28.2002, 34.2216
YIQ	145.4170, 57.4870, 42.9830

Conversions

Conversions Part 2

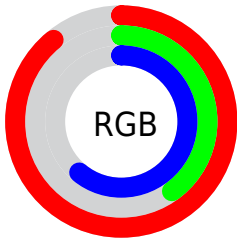
Format	Color
R _Y B	227, 102, 155
Decimal	14902939
CIE Lab	60.07, 54.00, -4.83
CIE LCh	60, 54.213, 354.892
Yxy	28.2002, 0.4042, 0.2692
Android (android.graphics.Color)	4293093019 (0xFFE3669B)
YUV	145.4170, 4.7244, 71.5483
Hunter-Lab	53.1039, 49.4085, -1.0354

Details

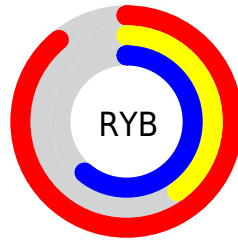
The XYZ color **42.3463, 28.2002, 34.2216** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.5900, 60.8197, 49.6479**, and the grayscale version is **27.0493, 28.4579, 30.9907**.

A 20% lighter version of the original color is **64.8056, 49.9774, 66.5526**, and **19.6241, 11.2783, 14.2393** is the 20% darker color. If you saturate the color by 10%, you get **39.3736, 23.9180, 28.1030**, and if you desaturate by 10%, it is **46.0502, 33.7541, 41.1712**.

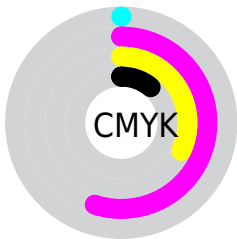
Distribution



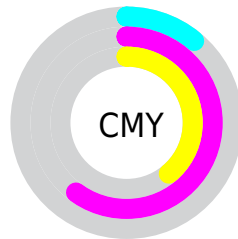
- Red (89%)
- Green (40%)
- Blue (61%)



- Red (89%)
- Yellow (40%)
- Blue (61%)



- Cyan (0%)
- Magenta (55%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (60%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3463, 28.2002, 34.2216 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 42.3463, 28.2002, 34.2216 by changing the saturation by 10% instead.


 42.3463, 28.2002,
34.2216


 42.3463, 28.2002,
34.2216


346.8837,
293.4223, 335.9183


 29.5648, 18.4766,
22.7852


 77.9853, 56.8039,
67.4160


 19.6550, 11.2927,
14.2311

 101.5736, 76.4528,
90.0109

 12.2513, 6.2641,
8.1410


 129.4949,
100.1790, 117.1625

 6.9885, 3.0063,
4.0963

 162.1146,
128.3668, 149.2893

 3.5012, 1.1350,
1.6783

199.7979,
161.4007, 186.8097

 1.4240, 0.0077,
0.3458

242.9103,

 0.2732, 0.0000,

199.6649, 230.1423

0.0000

291.8171,
243.5440, 279.7056

■ 0.0000, 0.0000,
0.0000

■ 42.3463, 28.2002,
34.2216

■ 42.3463, 28.2002,
34.2216

■ 39.3736, 23.9180,
28.1030

■ 46.0502, 33.7541,
41.1712

■ 37.0748, 20.7994,
22.7769

■ 50.5319, 40.6677,
48.9844

■ 35.3872, 18.7253,
18.2031

■ 55.8367, 49.0259,
57.6934

■ 34.2336, 17.5482,
14.3352

■ 62.0056, 58.9055,
67.3284

■ 33.8010, 17.1799,
12.6593

■ 69.0770, 70.3780,
77.9178

■ 77.0867, 83.5100,
89.4887

■ 84.1549, 94.5374,
101.4293

■ 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



39.2172, 28.2002, 58.2220



42.3463, 28.2002, 34.2216



40.7627, 28.2002, 17.3053

Triad

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



42.3463, 28.2002, 34.2216



21.5878, 28.2002, 7.4981



19.8612, 28.2002, 73.5746

Complementary

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



42.3463, 28.2002, 34.2216



40.5900, 60.8197, 49.6479

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.



16.4617, 28.2002, 49.6819



42.3463, 28.2002, 34.2216



17.3319, 28.2002, 13.6001

Square

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



42.3463, 28.2002, 34.2216



28.0047, 28.2002, 6.2515



15.6222, 28.2002, 27.4384



25.6371, 28.2002, 86.3873

Rectangle

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



42.3463, 28.2002, 34.2216



37.3686, 28.2002, 10.9095



15.6222, 28.2002, 27.4384



18.4448, 28.2002, 66.1806

Sweetspot

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



42.3471, 28.2016, 34.2221



78.9831, 73.8870, 84.9831



35.8147, 23.9158, 75.4017



16.5484, 15.2413, 17.6368



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.



42.3471, 28.2016, 34.2221



50.8002, 30.4984, 35.5816



39.6899, 28.5157, 15.9844



14.6293, 14.4689, 16.2482



19.7684, 10.0416, 7.6754



1.5064, 0.7603, 0.8075

Inverse Universe

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



42.3471, 28.2016, 34.2221



50.8002, 30.4984, 35.5816



44.5902, 58.8608, 81.6842



14.6293, 14.4689, 16.2482



19.7684, 10.0416, 7.6754



1.5064, 0.7603, 0.8075

Previews

White Background



This preview shows how the XYZ color 42.3463, 28.2002, 34.2216 looks on a white background.

Color Contrast Check

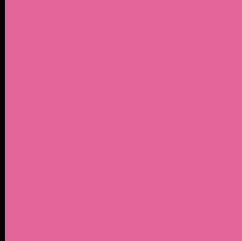
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.3463, 28.2002, 34.2216 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 42.3463, 28.2002, 34.2216

Background



This preview shows how black text looks on a background with the XYZ color 42.3463, 28.2002, 34.2216.



This preview shows how white text looks on a background with the XYZ color 42.3463, 28.2002,

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

42.3463, 28.2002, 34.2216

Protanopia

28.5701, 28.5582, 48.2624

Deuteranopia

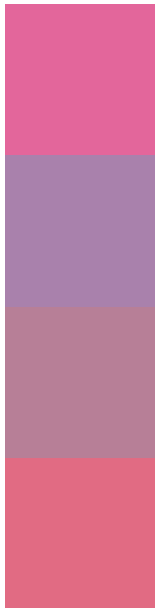
29.0502, 28.4888, 32.4015



Tritanopia

39.5273, 28.2835, 20.2056

Trichromacy



Original Color

42.3463, 28.2002, 34.2216

Protanomaly

31.6588, 27.1141, 42.5947

Deuteranomaly

32.7037, 27.4804, 32.8587

Tritanomaly

40.4058, 28.1616, 24.7788

Monochromacy



Original Color

42.3463, 28.2002, 34.2216

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.9543, 26.9844, 32.0108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3463, 28.2002, 34.2216 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(227, 102, 155)` looks like.

```
.text, #text, p{  
    color:rgb(227, 102, 155)  
}
```

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(227, 102, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 102, 155) }
```

Border

The CSS property to change the border of an element to XYZ 42.3463, 28.2002, 34.2216 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(227, 102, 155) }
```


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

```
.border{ border-color:rgb(227, 102, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 102, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 102, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 102, 155);  
box-shadow:4px 4px 4px 4px rgb(227, 102,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3463, 28.2002, 34.2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 102, 155) }
```

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

```
.background{ background-color: rgb(227,  
102, 155) }
```

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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