

Converting Colors

XYZ(59.5486, 43.2123, 79.4128)

Have a look what the booklet for
XYZ(59.5486, 43.2123, 79.4128)
contains.

XYZ(59.6029, 43.2322, 79.3320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.6029, 43.2322,
79.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	F08DE5
RGB	240, 141, 229
RGB Percent	94%, 55%, 90%
CMY	0.0588, 0.4470, 0.1020
CMYK	0.00, 0.41, 0.05, 0.06
HSL	307°, 77%, 75%
HSV	307°, 41%, 94%
XYZ	59.6029, 43.2322, 79.3320
YIQ	180.6330, 30.7560, 48.3560

Conversions

Conversions Part 2

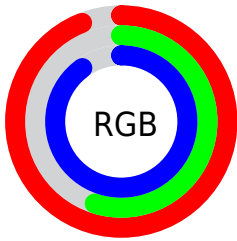
Format	Color
R _Y B	240, 141, 229
Decimal	15764965
CIE Lab	71.71, 49.90, -28.74
CIE LCh	72, 57.584, 330.061
Yxy	43.2322, 0.3272, 0.2373
Android (android.graphics.Color)	4293955045 (0xFFFF08DE5)
YUV	180.6330, 23.8449, 52.0649
Hunter-Lab	65.7512, 46.7441, -25.5104

Details

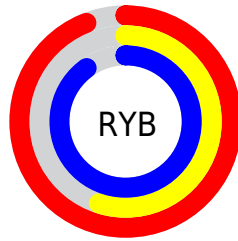
The XYZ color **59.6029, 43.2322, 79.3320** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **47.8139, 70.2513, 40.7482**, and the grayscale version is **43.5882, 45.8581, 49.9395**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **30.2424, 19.7786, 41.7589** is the 20% darker color. If you saturate the color by 10%, you get **56.0709, 36.7587, 76.3319**, and if you desaturate by 10%, it is **63.9101, 51.2452, 82.6196**.

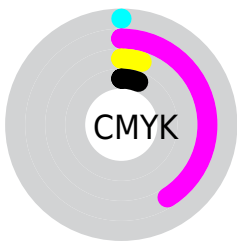
Distribution



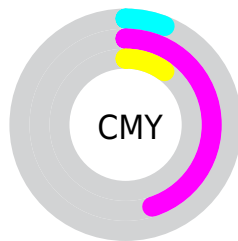
- Red (94%)
- Green (55%)
- Blue (90%)



- Red (94%)
- Yellow (55%)
- Blue (90%)



- Cyan (0%)
- Magenta (41%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6029, 43.2322, 79.3320 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 59.6029, 43.2322, 79.3320 by changing the saturation by 10% instead.


 59.6029, 43.2322,
79.3320


 59.6029, 43.2322,
79.3320


412.9908,
359.5658, 512.3260

 43.3469, 30.0673,
58.6459

 103.3630, 80.0611,
134.2290

 30.3531, 19.8897,
41.9100


 131.5979,
104.4940, 169.2771

 20.2561, 12.3149,
28.7058


164.5563,
133.4517, 209.9495

 12.6907, 6.9585,
18.6147

202.6038,
167.3186, 256.6648

 7.2914, 3.4362,
11.2182

246.1056,
206.4790, 309.8415

 3.6930, 1.3635,
6.0978

295.4271,

 1.5299, 0.1896,

251.3174, 369.8983

2.8349

350.9337,
302.2182, 437.2536

■ 0.3461, 0.0000,
1.0110

■ 0.0000, 0.0000,
0.0000

■ 59.6029, 43.2322,
79.3320

■ 59.6029, 43.2322,
79.3320

■ 56.0709, 36.7587,
76.3319

■ 63.9101, 51.2452,
82.6196

■ 53.2599, 31.7189,
73.5998


■ 69.0339, 60.8831,
86.2073


■ 51.1152, 28.0029,
71.1178


■ 75.0177, 72.2316,
90.1102


■ 49.5727, 25.4821,
68.8643


■ 81.9006, 85.3691,
94.3413


 48.5554, 24.0026,
66.8137

 87.7730, 96.4764,
98.2644

 47.9881, 23.3465,
65.1492

 88.1773, 96.6382,
100.3935

 88.5875, 96.8023,
102.5536

 89.0036, 96.9687,
104.7448

 89.4257, 97.1375,
106.9670

Harmonies

Analogous

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



51.2318, 43.2322, 110.6340



59.6029, 43.2322, 79.3320



62.8714, 43.2322, 47.0154

Triad

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



59.6029, 43.2322, 79.3320



41.0710, 43.2322, 11.1768



26.8888, 43.2322, 79.4721

Complementary

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



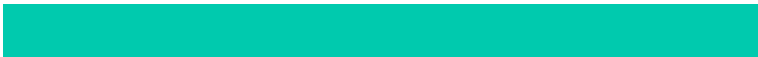
59.6029, 43.2322, 79.3320



47.8139, 70.2513, 40.7482

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.



25.0298, 43.2322, 47.1296



59.6029, 43.2322, 79.3320



32.3852, 43.2322, 14.1857

Square

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



59.6029, 43.2322, 79.3320



51.1918, 43.2322, 14.1601



26.8737, 43.2322, 25.0129



32.4146, 43.2322, 110.7350

Rectangle

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



59.6029, 43.2322, 79.3320



61.3709, 43.2322, 30.9320



26.8737, 43.2322, 25.0129



25.8573, 43.2322, 68.0312

Sweetspot

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



59.6043, 43.2342, 79.3329



85.5106, 81.7895, 103.0433



37.9990, 31.9131, 86.5961



18.1001, 17.1209, 21.9262



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.



59.6043, 43.2342, 79.3329



65.1237, 43.5964, 88.2922



53.7612, 40.8969, 48.5637



16.3742, 15.9994, 19.5266



26.3001, 12.7925, 35.8266



2.2093, 1.0728, 3.0931

Inverse Universe

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



59.6043, 43.2342, 79.3329



65.1237, 43.5964, 88.2922



52.6185, 72.1731, 66.0484



16.3742, 15.9994, 19.5266



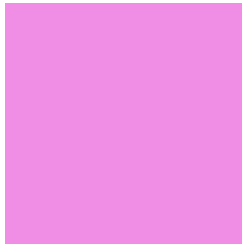
26.3001, 12.7925, 35.8266



2.2093, 1.0728, 3.0931

Previews

White Background



This preview shows how the XYZ color 59.6029, 43.2322, 79.3320 looks on a white background.

Color Contrast Check

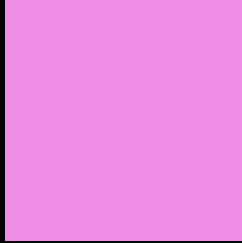
Large Text (above 18pt) WCAG AA × Fail

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 59.6029, 43.2322, 79.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

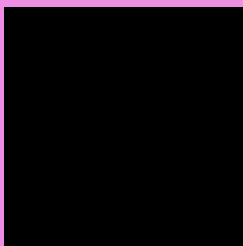
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6029, 43.2322, 79.3320

Background



This preview shows how black text looks on a background with the XYZ color 59.6029, 43.2322, 79.3320.



This preview shows how white text looks on a background with the XYZ color 59.6029, 43.2322,

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

59.6029, 43.2322, 79.3320

Protanopia

45.4106, 43.5269, 99.7741

Deuteranopia

44.6250, 43.6499, 75.8853



Tritanopia

51.7172, 43.0202, 41.6543

Trichromacy



Original Color

59.6029, 43.2322, 79.3320



Protanomaly

48.7547, 42.1496, 91.9522



Deuteranomaly

48.8412, 42.5281, 76.8687



Tritanomaly

54.1937, 42.8312, 53.5550

Monochromacy



Original Color

59.6029, 43.2322, 79.3320



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.1864, 43.9062, 59.3611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6029, 43.2322, 79.3320 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(240, 141, 229)` looks like.

```
.text, #text, p{  
    color:rgb(240, 141, 229)  
}
```

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(240, 141, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 141, 229) }
```

Border

The CSS property to change the border of an element to XYZ 59.6029, 43.2322, 79.3320 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(240, 141, 229) }
```


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

```
.border{ border-color:rgb(240, 141, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 141, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 141, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 141, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 141,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6029, 43.2322, 79.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 141, 229) }
```

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

```
.background{ background-color: rgb(240,  
141, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor