

Converting Colors

XYZ(43.3213, 23.3427, 59.4915)

Have a look what the booklet for
XYZ(43.3213, 23.3427, 59.4915)
contains.

XYZ(43.1526, 23.2330, 59.3368)	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(43.1526, 23.2330,
59.3368)**

Conversions

Conversions Part 1

Format	Color
Hex	E03ACC
RGB	224, 58, 204
RGB Percent	88%, 23%, 80%
CMY	0.1216, 0.7725, 0.2000
CMYK	0.00, 0.74, 0.09, 0.12
HSL	307°, 73%, 55%
HSV	307°, 74%, 88%
XYZ	43.1526, 23.2330, 59.3368
YIQ	124.2780, 52.0700, 80.5980

Conversions

Conversions Part 2

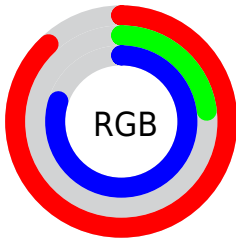
Format	Color
RYB	224, 58, 204
Decimal	14695116
CIELab	55.31, 76.91, -40.41
CIELCh	55, 86.883, 332.282
Yxy	23.2330, 0.3432, 0.1848
Android (android.graphics.Color)	4292885196 (0xFFE03ACC)
YUV	124.2780, 39.3029, 87.4562
Hunter-Lab	48.2006, 75.4547, -39.2478

Details

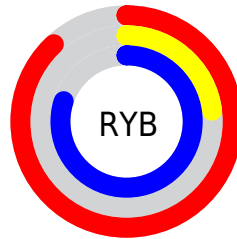
The XYZ color **43.1526, 23.2330, 59.3368** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **29.7769, 54.7619, 16.2102**, and the grayscale version is **19.1132, 20.1085, 21.8982**.

A 20% lighter version of the original color is **66.1274, 42.1547, 99.2591**, and **20.9419, 10.1693, 29.2929** is the 20% darker color. If you saturate the color by 10%, you get **41.9380, 21.3169, 57.3487**, and if you desaturate by 10%, it is **44.8653, 26.1352, 61.5190**.

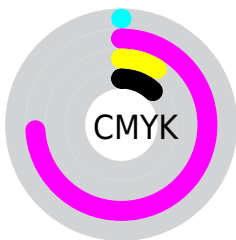
Distribution



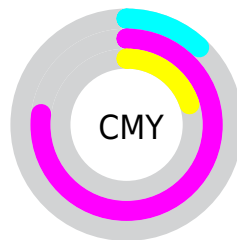
- Red (88%)
- Green (23%)
- Blue (80%)



- Red (88%)
- Yellow (23%)
- Blue (80%)



- Cyan (0%)
- Magenta (74%)
- Yellow (9%)
- Black (12%)





- Cyan (12%)
- Magenta (77%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1526, 23.2330, 59.3368 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 43.1526, 23.2330, 59.3368 by changing the saturation by 10% instead.


 43.1526, 23.2330,
59.3368


 43.1526, 23.2330,
59.3368


350.1498,
268.9195, 439.8855


 30.1999, 14.7656,
42.4625


 79.1954, 48.7756,
105.4009

 20.1392, 8.6551,
29.1353


 103.0161, 66.6197,
135.4279


 12.6051, 4.5169,
18.9368


 131.1903, 88.3581,
170.6761

 7.2323, 1.9667,
11.4482

 164.0833,
114.3753, 211.5641

 3.6554, 0.5880,
6.2512

 202.0604,
145.0556, 258.5106

 1.5091, 0.0000,
2.9272

245.4869,

 0.3320, 0.0000,

180.7835, 311.9339

1.0576

294.7283,
221.9433, 372.2527

■ 0.0000, 0.0000,
0.0000

■ 43.1526, 23.2330,
59.3368

■ 43.1526, 23.2330,
59.3368

■ 41.9380, 21.3169,
57.3487

■ 44.8653, 26.1352,
61.5190

■ 41.1501, 20.2458,
55.5301


■ 47.1301, 30.1332,
63.9129

■ 40.8201, 19.8792,
54.5155


■ 49.9969, 35.3261,
66.5354


■ 53.5091, 41.8007,
69.4011

■ 57.7062, 49.6360,
72.5233

 62.6245, 58.9044,
75.9143

 68.2977, 69.6734,
79.5855

 74.7573, 82.0060,
83.5473

 80.5449, 92.9851,
87.3140

Harmonies

Analogous

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



33.6690, 23.2330, 103.1157



43.1526, 23.2330, 59.3368



46.5747, 23.2330, 23.2210

Triad

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



43.1526, 23.2330, 59.3368



21.3450, 23.2330, 0.5978



9.7331, 23.2330, 66.1084

Complementary

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



43.1526, 23.2330, 59.3368



29.7769, 54.7619, 16.2102

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.



8.1588, 23.2330, 27.4927



43.1526, 23.2330, 59.3368



13.5152, 23.2330, 1.6505

Square

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



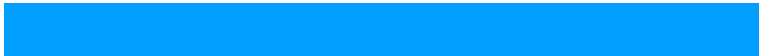
43.1526, 23.2330, 59.3368



31.9870, 23.2330, 1.3280



9.3076, 23.2330, 7.6535



14.4676, 23.2330, 108.6611

Rectangle

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



43.1526, 23.2330, 59.3368



44.3364, 23.2330, 9.9246



9.3076, 23.2330, 7.6535



8.8920, 23.2330, 51.5653

Sweetspot

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



43.1534, 23.2341, 59.3372



78.6210, 68.8531, 98.1489



18.0591, 10.0023, 71.5006



16.4679, 14.0611, 20.7514



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.



43.1534, 23.2341, 59.3372



55.6121, 27.6752, 75.5584



35.7448, 20.2707, 20.3240



14.2202, 13.9057, 16.9297



23.7886, 11.5824, 31.8820



1.6692, 0.8110, 2.3169

Inverse Universe

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



43.1534, 23.2341, 59.3372



55.6121, 27.6752, 75.5584



34.7790, 56.7627, 42.5512



14.2202, 13.9057, 16.9297



23.7886, 11.5824, 31.8820



1.6692, 0.8110, 2.3169

Previews

White Background



This preview shows how the XYZ color 43.1526, 23.2330, 59.3368 looks on a white background.

Color Contrast Check

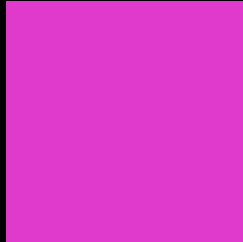
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1526, 23.2330, 59.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

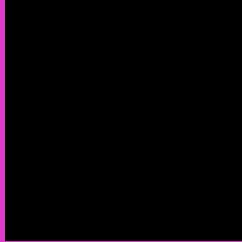
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.1526, 23.2330, 59.3368

Background



This preview shows how black text looks on a background with the XYZ color 43.1526, 23.2330, 59.3368.



This preview shows how white text looks on a background with the XYZ color 43.1526, 23.2330,

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

43.1526, 23.2330, 59.3368

Protanopia

27.7637, 23.8812, 97.7540

Deuteranopia

24.0612, 23.5409, 53.7278



Tritanopia

34.0345, 23.2216, 14.7450

Trichromacy



Original Color

43.1526, 23.2330, 59.3368



Protanomaly

27.7363, 19.7497, 81.7071



Deuteranomaly

27.7073, 20.6184, 55.3427



Tritanomaly

36.4433, 22.6253, 26.4911

Monochromacy



Original Color

43.1526, 23.2330, 59.3368



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

24.8041, 18.8878, 32.4754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1526, 23.2330, 59.3368 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(224, 58, 204)` looks like.

```
.text, #text, p{  
    color:rgb(224, 58, 204)  
}
```

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(224, 58, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 58, 204) }
```

Border

The CSS property to change the border of an element to XYZ 43.1526, 23.2330, 59.3368 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(224, 58, 204) }
```


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

```
.border{ border-color:rgb(224, 58, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 58, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 58, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 58, 204);  
box-shadow:4px 4px 4px 4px rgb(224, 58,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1526, 23.2330, 59.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 58, 204) }
```

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

```
.background{ background-color: rgb(224, 58,  
204) }
```

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