

Converting Colors

XYZ(43.2320, 22.5622, 96.6841)

Have a look what the booklet for
XYZ(43.2320, 22.5622, 96.6841)
contains.

XYZ(43.2190, 22.5938, 96.6909)	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(43.2190, 22.5938,
96.6909)**

Conversions

Conversions Part 1

Format	Color
Hex	C73CFF
RGB	199, 60, 255
RGB Percent	78%, 24%, 100%
CMY	0.2196, 0.7647, 0.0000
CMYK	0.22, 0.76, 0.00, 0.00
HSL	283°, 100%, 62%
HSV	283°, 76%, 100%
XYZ	43.2190, 22.5938, 96.6909
YIQ	123.7910, 20.2490, 90.1130

Conversions

Conversions Part 2

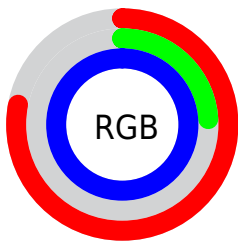
Format	Color
R_{YB}	199, 60, 255
Decimal	13057279
CIE _{Lab}	54.65, 79.96, -70.42
CIE _{LCh}	55, 106.548, 318.626
Yxy	22.5938, 0.2660, 0.1390
Android (android.graphics.Color)	4291247359 (0xFFC73CFF)
YUV	123.7910, 64.6860, 65.9583
Hunter-Lab	47.5329, 79.1173, -87.3339

Details

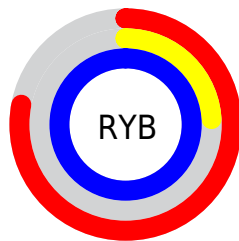
The XYZ color **43.2190, 22.5938, 96.6909** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **43.7784, 75.5594, 16.5526**, and the grayscale version is **18.8771, 19.8601, 21.6277**.

A 20% lighter version of the original color is **66.1274, 42.1547, 99.2591**, and **20.7255, 9.5202, 53.5685** is the 20% darker color. If you saturate the color by 10%, you get **40.2938, 19.5578, 96.2591**, and if you desaturate by 10%, it is **46.8824, 26.9651, 97.3416**.

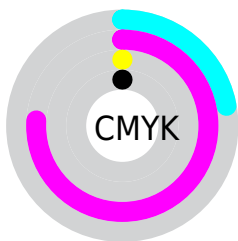
Distribution



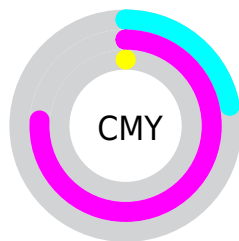
- Red (78%)
- Green (24%)
- Blue (100%)



- Red (78%)
- Yellow (24%)
- Blue (100%)



- Cyan (22%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2190, 22.5938, 96.6909 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 43.2190, 22.5938, 96.6909 by changing the saturation by 10% instead.


 43.2190, 22.5938,
96.6909


 43.2190, 22.5938,
96.6909

350.4179,
265.6318, 570.6862

 30.2522, 14.2939,
72.9385


 79.2949, 47.7255,
158.6142

 20.1792, 8.3253,
53.4341


 103.1347, 65.3260,
197.6222


 12.6344, 4.3038,
37.7594


 131.3297, 86.7955,
242.5524

 7.2525, 1.8449,
25.4956

 164.2450,
112.5184, 293.8234

 3.6682, 0.5149,
16.2243

 202.2462,
142.8791, 351.8537

 1.5162, 0.0000,
9.5269

245.6985,

 0.3368, 0.0000,

178.2620, 417.0620

4.9850

294.9673,
219.0514, 489.8666

■ 0.0000, 0.0000,
2.1799

■ 0.0000, 0.0000,
0.6627

■ 43.2190, 22.5938,
96.6909

■ 43.2190, 22.5938,
96.6909

■ 40.2938, 19.5578,
96.2591

■ 46.8824, 26.9651,
97.3416

■ 38.0005, 17.6500,
96.0117

■ 51.3640, 32.8331,
98.2380

■ 37.2874, 17.1372,
95.9503

■ 56.7354, 40.3383,
99.4035

■ 63.0594, 49.6043,
100.8587

70.3925, 60.7423,
102.6221

78.7867, 73.8546,
104.7106

88.2901, 89.0357,
107.1400

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



29.5085, 22.5938, 150.4873



43.2190, 22.5938, 96.6909



52.0187, 22.5938, 39.6535

Triad

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



43.2190, 22.5938, 96.6909



26.2336, 22.5938, 0.0000



6.4141, 22.5938, 51.5155

Complementary

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



43.2190, 22.5938, 96.6909



43.7784, 75.5594, 16.5526

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.



6.0900, 22.5938, 13.9400



43.2190, 22.5938, 96.6909



15.0500, 22.5938, 0.0000

Square

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



43.2190, 22.5938, 96.6909



40.0841, 22.5938, 0.9981



8.6124, 22.5938, 1.8470



9.7560, 22.5938, 111.7964

Rectangle

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



43.2190, 22.5938, 96.6909



52.3579, 22.5938, 16.1331



8.6124, 22.5938, 1.8470



6.0093, 22.5938, 35.6091

Sweetspot

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



43.2200, 22.5946, 96.6910



73.1817, 65.0623, 103.3089



26.4516, 21.2564, 97.3165



15.0428, 12.9642, 21.9594



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.



43.2200, 22.5946, 96.6910



38.9551, 18.3789, 96.1021



55.2509, 29.4501, 67.7387



18.2546, 18.0230, 22.7666



19.6383, 9.0344, 50.1433



2.0201, 0.9353, 4.8873

Inverse Universe

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



46.0085, 25.7531, 19.0694



43.2492, 22.4753, 11.2414



39.8760, 73.3817, 23.8676



18.2238, 18.0729, 19.7959



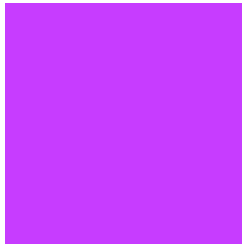
22.2365, 11.3839, 4.6299



2.2098, 1.1263, 0.6865

Previews

White Background



This preview shows how the XYZ color 43.2190, 22.5938, 96.6909 looks on a white background.

Color Contrast Check

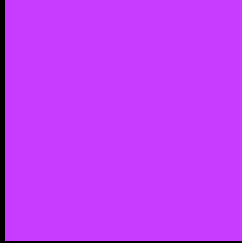
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2190, 22.5938, 96.6909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

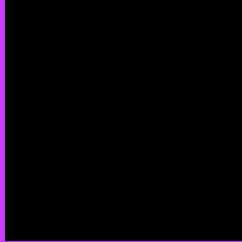
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.2190, 22.5938, 96.6909

Background



This preview shows how black text looks on a background with the XYZ color 43.2190, 22.5938, 96.6909.



This preview shows how white text looks on a background with the XYZ color 43.2190, 22.5938,

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

43.2190, 22.5938, 96.6909

Protanopia

26.9548, 23.0769, 97.6413

Deuteranopia

23.3829, 22.7732, 81.7605



Tritanopia

27.5444, 22.4094, 20.6430

Trichromacy



Original Color

43.2190, 22.5938, 96.6909



Protanomaly

28.6092, 19.8636, 96.9339



Deuteranomaly

23.8535, 18.0966, 86.2402



Tritanomaly

31.3255, 21.1324, 39.9640

Monochromacy



Original Color

43.2190, 22.5938, 96.6909



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

24.8626, 18.8652, 41.3607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2190, 22.5938, 96.6909 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(199, 60, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 60, 255)  
}
```

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(199, 60, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 60, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.2190, 22.5938, 96.6909 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(199, 60, 255) }
```


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

```
.border{ border-color:rgb(199, 60, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 60, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 60, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 60, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 60,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2190, 22.5938, 96.6909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 60, 255) }
```

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

```
.background{ background-color: rgb(199, 60,  
255) }
```

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