

Converting Colors

XYZ(43.2157, 21.9520, 96.5668)

Have a look what the booklet for
XYZ(43.2157, 21.9520, 96.5668)
contains.

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Color

**XYZ(43.3212, 22.0052,
96.5719)**

Conversions

Conversions Part 1

Format	Color
Hex	C933FF
RGB	201, 51, 255
RGB Percent	79%, 20%, 100%
CMY	0.2118, 0.8000, 0.0000
CMYK	0.21, 0.80, 0.00, 0.00
HSL	284°, 100%, 60%
HSV	284°, 80%, 100%
XYZ	43.3212, 22.0052, 96.5719
YIQ	119.1060, 23.9160, 95.2440

Conversions

Conversions Part 2

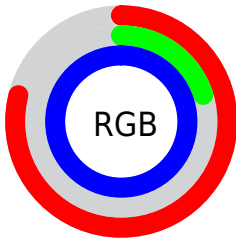
Format	Color
R _Y B	201, 51, 255
Decimal	13186047
CIE Lab	54.03, 82.93, -71.41
CIE LCh	54, 109.437, 319.266
Yxy	22.0052, 0.2676, 0.1359
Android (android.graphics.Color)	4291376127 (0xFFC933FF)
YUV	119.1060, 66.9957, 71.8210
Hunter-Lab	46.9097, 82.7531, -89.2221

Details

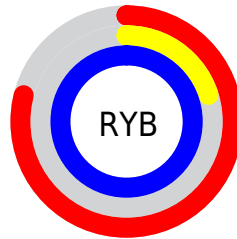
The XYZ color **43.3212, 22.0052, 96.5719** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **42.1837, 74.7625, 15.3399**, and the grayscale version is **17.3590, 18.2630, 19.8885**.

A 20% lighter version of the original color is **65.4207, 40.7415, 99.0236**, and **21.0625, 9.6939, 53.5843** is the 20% darker color. If you saturate the color by 10%, you get **40.7216, 19.4399, 96.2137**, and if you desaturate by 10%, it is **46.6123, 25.8329, 97.1372**.

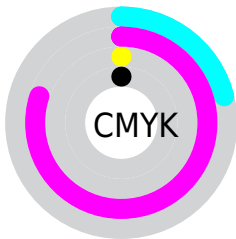
Distribution



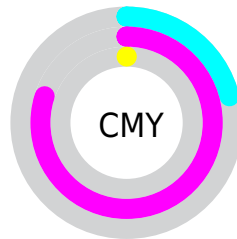
- Red (79%)
- Green (20%)
- Blue (100%)



- Red (79%)
- Yellow (20%)
- Blue (100%)



- Cyan (21%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)




- Cyan (21%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3212, 22.0052, 96.5719 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 43.3212, 22.0052, 96.5719 by changing the saturation by 10% instead.

 43.3212, 22.0052,
96.5719


 43.3212, 22.0052,
96.5719

350.8302,
262.5734, 570.2975

 30.3328, 13.8607,
72.8399


 79.4480, 46.7546,
158.4487

 20.2407, 8.0239,
53.3540


 103.3172, 64.1283,
197.4305


 12.6794, 4.1102,
37.6958


 131.5440, 85.3472,
242.3327

 7.2836, 1.7354,
25.4467

 164.4938,
110.7957, 293.5737

 3.6880, 0.4464,
16.1881

 202.5320,
140.8582, 351.5722

 1.5272, 0.0000,
9.5016

246.0239,

 0.3442, 0.0000,

175.9190, 416.7466

4.9685

295.3348,
216.3626, 489.5155

■ 0.0000, 0.0000,
2.1704

■ 0.0000, 0.0000,
0.6572

■ 43.3212, 22.0052,
96.5719

■ 43.3212, 22.0052,
96.5719

■ 40.7216, 19.4399,
96.2137

■ 46.6123, 25.8329,
97.1372

■ 38.6668, 17.8485,
96.0149

■ 50.6803, 31.0957,
97.9387

■ 38.6664, 17.8481,
96.0148

■ 55.6005, 37.9415,
99.0007

■ 61.4377, 46.4987,
100.3448

■ 68.2503, 56.8824,
101.9900

■ 76.0914, 69.1977,
103.9538

■ 85.0101, 83.5414,
106.2523

■ 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.



29.3547, 22.0052, 153.0838



43.3212, 22.0052, 96.5719



52.1711, 22.0052, 38.2571

Triad

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



43.3212, 22.0052, 96.5719



25.4445, 22.0052, 0.0000



5.9522, 22.0052, 52.5250

Complementary

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



43.3212, 22.0052, 96.5719



42.1837, 74.7625, 15.3399

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.



5.5812, 22.0052, 13.7592



43.3212, 22.0052, 96.5719



14.2716, 22.0052, 0.0000

Square

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



43.3212, 22.0052, 96.5719



39.5479, 22.0052, 0.7155



7.9798, 22.0052, 1.6341



9.3061, 22.0052, 114.9904

Rectangle

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



43.3212, 22.0052, 96.5719



52.3574, 22.0052, 14.9263



7.9798, 22.0052, 1.6341



5.5394, 22.0052, 36.0554

Sweetspot

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



43.3222, 22.0060, 96.5720



72.8265, 64.0306, 103.1285



24.5084, 18.1096, 96.8115



14.9963, 12.7781, 21.9260



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.



43.3222, 22.0060, 96.5720



39.4462, 18.4145, 96.0830



53.7357, 28.1528, 61.8909



18.2960, 18.0443, 22.7685



20.3525, 9.4026, 50.1768



2.0849, 0.9687, 4.8904

Inverse Universe

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



44.9740, 24.6481, 15.7526



42.6207, 21.9894, 8.6544



39.3588, 73.1173, 23.7441



18.2068, 18.0660, 19.7060



22.1381, 11.3445, 4.1116



2.1983, 1.1217, 0.6258

Previews

White Background



This preview shows how the XYZ color 43.3212, 22.0052, 96.5719 looks on a white background.

Color Contrast Check

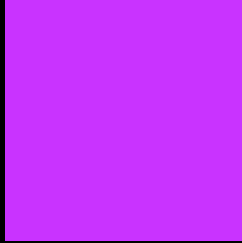
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3212, 22.0052, 96.5719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

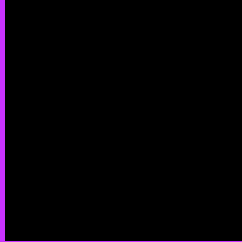
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.3212, 22.0052, 96.5719

Background



This preview shows how black text looks on a background with the XYZ color 43.3212, 22.0052, 96.5719.

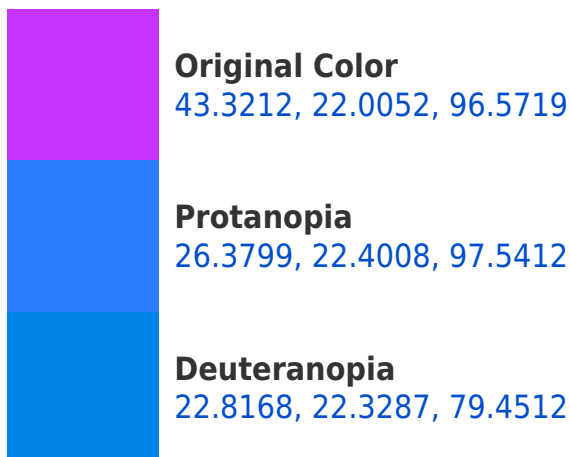


This preview shows how white text looks on a background with the XYZ color 43.3212, 22.0052,

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





Tritanopia

27.3373, 21.6894, 19.2686

Trichromacy



Original Color

43.3212, 22.0052, 96.5719



Protanomaly

27.6732, 18.6647, 96.7518



Deuteranomaly

23.3261, 17.4082, 84.5688



Tritanomaly

31.1223, 20.2978, 38.8368

Monochromacy



Original Color

43.3212, 22.0052, 96.5719



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

23.4650, 17.2221, 39.1332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3212, 22.0052, 96.5719 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(201, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 51, 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(201, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 51, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.3212, 22.0052, 96.5719 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(201, 51, 255) }
```


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

```
.border{ border-color:rgb(201, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 51,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3212, 22.0052, 96.5719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 51, 255) }
```

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

```
.background{ background-color: rgb(201, 51,  
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](#).

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