

Converting Colors

XYZ(43.1250, 21.9040, 96.5627)

Have a look what the booklet for
XYZ(43.1250, 21.9040, 96.5627)
contains.

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Color

**XYZ(43.0532, 21.8670,
96.5593)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C833FF |
| RGB | 200, 51, 255 |
| RGB Percent | 78%, 20%, 100% |
| CMY | 0.2157, 0.8000, 0.0000 |
| CMYK | 0.22, 0.80, 0.00, 0.00 |
| HSL | 284°, 100%, 60% |
| HSV | 284°, 80%, 100% |
| XYZ | 43.0532, 21.8670, 96.5593 |
| YIQ | 118.8070, 23.3200, 95.0320 |

Conversions

Conversions Part 2

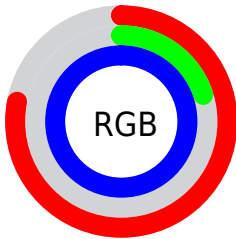
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 200, 51, 255 |
| Decimal | 13120511 |
| CIE _{Lab} | 53.89, 82.76, -71.66 |
| CIE _{LCh} | 54, 109.475, 319.114 |
| Yxy | 21.8670, 0.2666, 0.1354 |
| Android (android.graphics.Color) | 4291310591 (0xFFC833FF) |
| YUV | 118.8070, 67.1431, 71.2063 |
| Hunter-Lab | 46.7622, 82.5084, -89.6945 |

Details

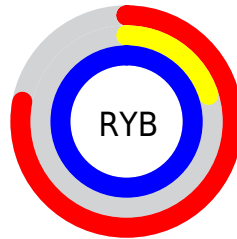
The XYZ color **43.0532, 21.8670, 96.5593** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **42.3018, 74.8234, 15.3454**, and the grayscale version is **17.2647, 18.1638, 19.7804**.

A 20% lighter version of the original color is **65.4207, 40.7415, 99.0236**, and **20.8933, 9.6067, 53.5764** is the 20% darker color. If you saturate the color by 10%, you get **40.4335, 19.2913, 96.2003**, and if you desaturate by 10%, it is **46.3673, 25.7065, 97.1258**.

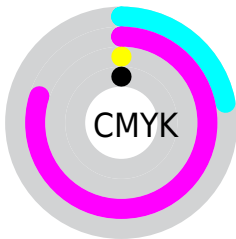
Distribution



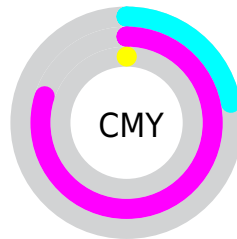
- Red (78%)
- Green (20%)
- Blue (100%)



- Red (78%)
- Yellow (20%)
- Blue (100%)



- Cyan (22%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0532, 21.8670, 96.5593 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 43.0532, 21.8670, 96.5593 by changing the saturation by 10% instead.

 43.0532, 21.8670,
96.5593

 43.0532, 21.8670,
96.5593


349.7483,
261.8509, 570.2563

 30.1216, 13.7592,
72.8294


 79.0463, 46.5261,
158.4311


 20.0794, 7.9534,
53.3455


 102.8386, 63.8462,
197.4102


 12.5614, 4.0651,
37.6891


 130.9817, 85.0058,
242.3094

 7.2021, 1.7101,
25.4415

 163.8411,
110.3893, 293.5473

 3.6363, 0.4302,
16.1843

 201.7821,
140.3812, 351.5423

 1.4985, 0.0000,
9.4989

245.1700,

 0.3248, 0.0000,

175.3659, 416.7132

4.9668

294.3703,
215.7276, 489.4783

■ 0.0000, 0.0000,
2.1694

■ 0.0000, 0.0000,
0.6566

■ 43.0532, 21.8670,
96.5593

■ 43.0532, 21.8670,
96.5593

■ 40.4335, 19.2913,
96.2003

■ 46.3673, 25.7065,
97.1258

■ 38.3613, 17.6909,
96.0006

■ 50.4612, 30.9826,
97.9284

■ 38.3609, 17.6907,
96.0005

■ 55.4102, 37.8432,
98.9918

■ 61.2792, 46.4167,
100.3373

■ 68.1266, 56.8184,
101.9841

■ 76.0057, 69.1532,
103.9497

■ 84.9655, 83.5181,
106.2502

■ 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.



29.1218, 21.8670, 152.8337



43.0532, 21.8670, 96.5593



51.9226, 21.8670, 38.2895

Triad

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



43.0532, 21.8670, 96.5593



25.3640, 21.8670, 0.0000



5.8837, 21.8670, 52.0084

Complementary

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



43.0532, 21.8670, 96.5593



42.3018, 74.8234, 15.3454

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.



5.5283, 21.8670, 13.5357



43.0532, 21.8670, 96.5593



14.2120, 21.8670, 0.0000

Square

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



43.0532, 21.8670, 96.5593



39.4246, 21.8670, 0.7091



7.9284, 21.8670, 1.5851



9.2001, 21.8670, 114.2887

Rectangle

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



43.0532, 21.8670, 96.5593



52.1471, 21.8670, 14.9385



7.9284, 21.8670, 1.5851



5.4781, 21.8670, 35.6389

Sweetspot

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



43.0542, 21.8678, 96.5594



72.7255, 63.9785, 103.1238



24.8632, 18.8193, 96.9298



14.9718, 12.7654, 21.9248



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.



43.0542, 21.8678, 96.5594



39.1474, 18.2604, 96.0691



54.1570, 28.3213, 64.1095



18.2869, 18.0397, 22.7681



20.1944, 9.3211, 50.1694



2.0706, 0.9613, 4.8897

Inverse Universe

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



45.0257, 24.6687, 16.0247



42.6621, 22.0060, 8.8727



39.2003, 73.0539, 22.9099



18.2105, 18.0675, 19.7256



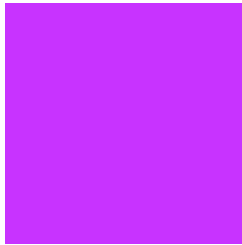
22.1588, 11.3528, 4.2207



2.2008, 1.1227, 0.6387

Previews

White Background



This preview shows how the XYZ color 43.0532, 21.8670, 96.5593 looks on a white background.

Color Contrast Check

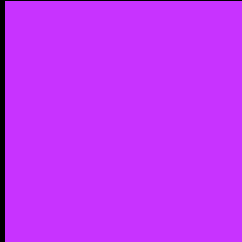
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0532, 21.8670, 96.5593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

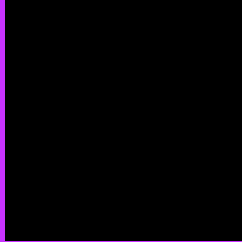
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.0532, 21.8670, 96.5593

Background



This preview shows how black text looks on a background with the XYZ color 43.0532, 21.8670, 96.5593.



This preview shows how white text looks on a background with the XYZ color 43.0532, 21.8670,

96.5593.

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

43.0532, 21.8670, 96.5593

Protanopia

26.2981, 22.3586, 97.5373

Deuteranopia

22.5401, 22.0021, 78.6601



Tritanopia

27.1054, 21.5698, 19.2578

Trichromacy



Original Color

43.0532, 21.8670, 96.5593



Protanomaly

27.5633, 18.6080, 96.7467



Deuteranomaly

23.2272, 17.2105, 84.5358



Tritanomaly

30.8768, 20.1712, 38.8253

Monochromacy



Original Color

43.0532, 21.8670, 96.5593



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

23.2833, 17.1285, 39.1247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0532, 21.8670, 96.5593 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(200, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 51, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.0532, 21.8670, 96.5593 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(200, 51, 255) }
```


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

```
.border{ border-color:rgb(200, 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(200, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 51,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0532, 21.8670, 96.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 51, 255) }
```

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

```
.background{ background-color: rgb(200, 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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