

Converting Colors

XYZ(43.5349, 22.0515, 19.7282)

Have a look what the booklet for
XYZ(43.5349, 22.0515, 19.7282)
contains.

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Color

**XYZ(43.5350, 22.0515,
19.7311)**

Conversions

Conversions Part 1

Format	Color
Hex	FC0078
RGB	252, 0, 120
RGB Percent	99%, 0%, 47%
CMY	0.0118, 0.9997, 0.5294
CMYK	0.00, 1.00, 0.52, 0.01
HSL	331°, 100%, 49%
HSV	331°, 100%, 99%
XYZ	43.5350, 22.0515, 19.7311
YIQ	89.0280, 111.6720, 90.7440

Conversions

Conversions Part 2

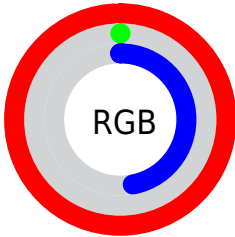
Format	Color
RYB	252, 0, 120
Decimal	16515192
CIELab	54.08, 83.35, 7.65
CIElCh	54, 83.697, 5.246
Yxy	22.0515, 0.5103, 0.2585
Android (android.graphics.Color)	4294705272 (0xFFFC0078)
YUV	89.0280, 15.2692, 142.9264
Hunter-Lab	46.9590, 83.3064, 7.9590

Details

The XYZ color **43.5350, 22.0515, 19.7311** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **38.9803, 71.2886, 33.5585**, and the grayscale version is **9.4597, 9.9523, 10.8381**.

A 20% lighter version of the original color is **53.1482, 33.1622, 42.6295**, and **21.9087, 11.1592, 7.1301** is the 20% darker color. If you saturate the color by 10%, you get **43.5328, 22.0506, 19.7202**, and if you desaturate by 10%, it is **44.7457, 23.1011, 24.3647**.

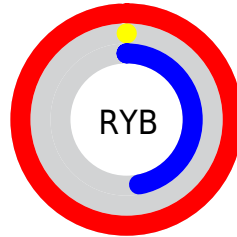
Distribution



Red (99%)

Green (0%)

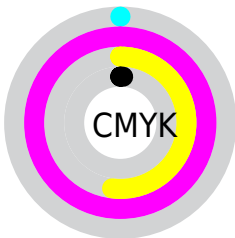
Blue (47%)



Red (99%)

Yellow (0%)

Blue (47%)

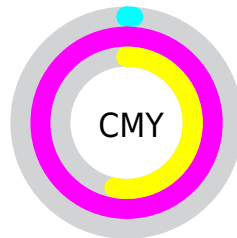


Cyan (0%)

Magenta (100%)

Yellow (52%)

Black (1%)



Cyan (1%)


Magenta (100%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5350, 22.0515, 19.7311 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 43.5350, 22.0515, 19.7311 by changing the saturation by 10% instead.


 43.5350, 22.0515,
19.7311


 43.5350, 22.0515,
19.7311

351.6917,
262.8151, 263.0116


 30.5014, 13.8947,
12.0176


 79.7683, 46.8311,
43.8189


 20.3695, 8.0475,
6.6330


 103.6987, 64.2227,
61.0303


 12.7737, 4.1254,
3.1587


 131.9921, 85.4615,
82.2448

 7.3488, 1.7439,
1.1762

 165.0139,
110.9317, 107.8808

 3.7295, 0.4519,
0.0000

 203.1294,
141.0177, 138.3569

 1.5502, 0.0000,
0.0000

246.7039,

 0.3596, 0.0000,

176.1041, 174.0918

0.0000

296.1029,
216.5750, 215.5038

■ 0.0000, 0.0000,
0.0000

■ 43.5350, 22.0515,
19.7311

■ 43.5350, 22.0515,
19.7311

■ 43.5328, 22.0506,
19.7202

■ 44.7457, 23.1011,
24.3647

■ 46.5253, 25.1045,
29.7539

■ 49.0172, 28.3426,
35.9664

■ 52.3101, 32.9864,
43.0506

■ 56.4786, 39.1796,
51.0495

■ 61.5884, 47.0477,
60.0021

■ 67.6985, 56.7035,
69.9447

■ 74.8630, 68.2498,
80.9113

■ 83.1317, 81.7816,
92.9339

Harmonies

Analogous

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



41.0949, 22.0515, 51.5475



43.5350, 22.0515, 19.7311



38.6496, 22.0515, 5.1930

Triad

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



43.5350, 22.0515, 19.7311



12.4273, 22.0515, 1.9668



14.4780, 22.0515, 103.7979

Complementary

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



43.5350, 22.0515, 19.7311



38.9803, 71.2886, 33.5585

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.



9.7080, 22.0515, 65.8476



43.5350, 22.0515, 19.7311



8.7853, 22.0515, 8.5921

Square

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



43.5350, 22.0515, 19.7311



19.4064, 22.0515, 0.6920



7.9570, 22.0515, 28.8674



22.5929, 22.0515, 115.8480

Rectangle

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



43.5350, 22.0515, 19.7311



32.5418, 22.0515, 1.9208



7.9570, 22.0515, 28.8674



12.5140, 22.0515, 92.7600

Sweetspot

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



43.5356, 22.0528, 19.7314



69.5153, 58.2022, 71.8053



26.8127, 11.7938, 92.9582



14.2852, 11.5133, 14.4204



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.



43.5356, 22.0528, 19.7314



44.7154, 22.6502, 20.2314



40.1913, 20.7881, 1.8961



17.5887, 17.3628, 19.6898



22.7502, 11.5158, 10.6591



2.1602, 1.0878, 1.2673

Inverse Universe

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



43.5356, 22.0528, 19.7314



44.7154, 22.6502, 20.2314



51.0775, 74.0409, 103.6942



17.5887, 17.3628, 19.6898



22.7502, 11.5158, 10.6591



2.1602, 1.0878, 1.2673

Previews

White Background



This preview shows how the XYZ color 43.5350, 22.0515, 19.7311 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 43.5350, 22.0515, 19.7311 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 43.5350, 22.0515, 19.7311

Background



This preview shows how black text looks on a background with the XYZ color 43.5350, 22.0515, 19.7311.



This preview shows how white text looks on a background with the XYZ color 43.5350, 22.0515,

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

43.5350, 22.0515, 19.7311

Protanopia

22.9615, 22.6081, 43.1980

Deuteranopia

23.0378, 22.6268, 17.9050



Tritanopia

40.6370, 22.4589, 4.8825

Trichromacy



Original Color

43.5350, 22.0515, 19.7311



Protanomaly

24.7864, 16.5832, 32.4663



Deuteranomaly

26.6450, 17.6436, 17.9208



Tritanomaly

41.1504, 21.7984, 8.5172

Monochromacy



Original Color

43.5350, 22.0515, 19.7311



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

15.9761, 10.1423, 13.1722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5350, 22.0515, 19.7311 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(252, 0, 120)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 120)  
}
```

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(252, 0, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 120) }
```

Border

The CSS property to change the border of an element to XYZ 43.5350, 22.0515, 19.7311 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(252, 0, 120) }
```


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

```
.border{ border-color:rgb(252, 0, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 0, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5350, 22.0515, 19.7311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 120) }
```

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

```
.background{ background-color: rgb(252, 0,  
120) }
```

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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