

Converting Colors

XYZ(44.0491, 22.8429, 19.8393)

Have a look what the booklet for
XYZ(44.0491, 22.8429, 19.8393)
contains.

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Color

**XYZ(43.8827, 22.7468,
19.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	FC1978
RGB	252, 25, 120
RGB Percent	99%, 10%, 47%
CMY	0.0118, 0.9018, 0.5294
CMYK	0.00, 0.90, 0.52, 0.01
HSL	335°, 97%, 54%
HSV	335°, 90%, 99%
XYZ	43.8827, 22.7468, 19.8470
YIQ	103.7030, 104.7970, 77.6690

Conversions

Conversions Part 2

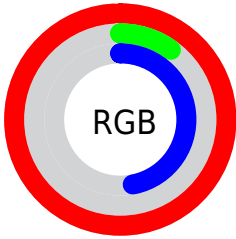
Format	Color
R_{YB}	252, 25, 120
Decimal	16521592
CIE _{Lab}	54.81, 81.23, 8.69
CIE _{LCh}	55, 81.691, 6.105
Yxy	22.7468, 0.5075, 0.2630
Android (android.graphics.Color)	4294711672 (0xFFFC1978)
YUV	103.7030, 8.0344, 130.0565
Hunter-Lab	47.6936, 80.7733, 8.7129

Details

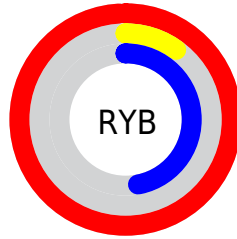
The XYZ color **43.8827, 22.7468, 19.8470** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **41.3007, 72.2631, 43.6845**, and the grayscale version is **13.0431, 13.7224, 14.9437**.

A 20% lighter version of the original color is **53.7380, 34.3417, 42.8260**, and **21.9087, 11.1592, 7.1301** is the 20% darker color. If you saturate the color by 10%, you get **42.7173, 21.7244, 15.4255**, and if you desaturate by 10%, it is **45.6444, 24.7362, 25.1638**.

Distribution



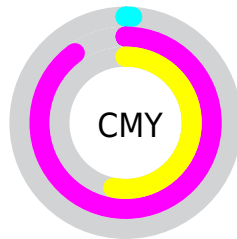
- Red (99%)
- Green (10%)
- Blue (47%)



- Red (99%)
- Yellow (10%)
- Blue (47%)



- Cyan (0%)
- Magenta (90%)
- Yellow (52%)
- Black (1%)





- Cyan (1%)
- Magenta (90%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8827, 22.7468, 19.8470 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 43.8827, 22.7468, 19.8470 by changing the saturation by 10% instead.

 43.8827, 22.7468,
19.8470


 43.8827, 22.7468,
19.8470


353.0897,
266.4218, 263.6624


 30.7758, 14.4067,
12.1009


 80.2886, 47.9772,
44.0161


 20.5792, 8.4040,
6.6891


 104.3184, 65.6363,
61.2762


 12.9275, 4.3546,
3.1929


 132.7199, 87.1705,
82.5447

 7.4553, 1.8738,
1.1940

 165.8584,
112.9642, 108.2402

 3.7973, 0.5326,
0.0000

 204.0992,
143.4018, 138.7812

 1.5881, 0.0000,
0.0000

247.8078,

 0.3846, 0.0000,

178.8677, 174.5862

0.0000

297.3495,
219.7462, 216.0737

■ 0.0000, 0.0000,
0.0000

■ 43.8827, 22.7468,
19.8470

■ 43.8827, 22.7468,
19.8470

■ 42.7173, 21.7244,
15.4255

■ 45.6444, 24.7362,
25.1638

■ 48.1401, 27.9665,
31.4254

■ 51.4609, 32.6110,
38.6890

■ 55.6830, 38.8141,
47.0056

■ 60.8736, 46.7022,
56.4218

67.0932, 56.3886,
66.9808

74.3969, 67.9768,
78.7232

82.8359, 81.5622,
91.6874

92.4582, 97.2338,
105.9098

Harmonies

Analogous

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



41.6928, 22.7468, 50.8567



43.8827, 22.7468, 19.8470



38.8972, 22.7468, 5.5039

Triad

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



43.8827, 22.7468, 19.8470



12.9191, 22.7468, 2.4013



15.3233, 22.7468, 103.7027

Complementary

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



43.8827, 22.7468, 19.8470



41.3007, 72.2631, 43.6845

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.



10.4089, 22.7468, 67.1341



43.8827, 22.7468, 19.8470



9.3154, 22.7468, 9.5942

Square

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



43.8827, 22.7468, 19.8470



19.8259, 22.7468, 0.9280



8.5451, 22.7468, 30.4404



23.5195, 22.7468, 114.3871

Rectangle

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



43.8827, 22.7468, 19.8470



32.8180, 22.7468, 2.1765



8.5451, 22.7468, 30.4404



13.3123, 22.7468, 93.2003

Sweetspot

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



43.8833, 22.7482, 19.8473



71.0909, 61.3452, 72.3556



31.1785, 14.5605, 93.2623



14.6981, 12.3133, 14.6379



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.



43.8833, 22.7482, 19.8473



43.8779, 22.3152, 15.8210



41.0849, 22.2944, 3.0595



17.5459, 17.3457, 19.4643



22.3216, 11.3444, 8.4018



2.1189, 1.0713, 1.0495

Inverse Universe

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



43.8833, 22.7482, 19.8473



43.8779, 22.3152, 15.8210



48.2185, 67.7276, 102.6265



17.5459, 17.3457, 19.4643



22.3216, 11.3444, 8.4018



2.1189, 1.0713, 1.0495

Previews

White Background



This preview shows how the XYZ color 43.8827, 22.7468, 19.8470 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 43.8827, 22.7468, 19.8470 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 43.8827, 22.7468, 19.8470

Background



This preview shows how black text looks on a background with the XYZ color 43.8827, 22.7468, 19.8470.



This preview shows how white text looks on a background with the XYZ color 43.8827, 22.7468,

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

43.8827, 22.7468, 19.8470

Protanopia

23.2185, 22.9705, 41.7381

Deuteranopia

23.3527, 22.9799, 17.9566



Tritanopia

40.9147, 22.8437, 5.5016

Trichromacy



Original Color

43.8827, 22.7468, 19.8470



Protanomaly

25.8568, 18.3563, 31.8861



Deuteranomaly

27.4325, 19.2186, 18.1833



Tritanomaly

41.5919, 22.5157, 9.1750

Monochromacy



Original Color

43.8827, 22.7468, 19.8470



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

19.4311, 13.4270, 16.3194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8827, 22.7468, 19.8470 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, 25, 120)` looks like.

```
.text, #text, p{  
    color:rgb(252, 25, 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, 25, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 25, 120) }
```

Border

The CSS property to change the border of an element to XYZ 43.8827, 22.7468, 19.8470 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, 25, 120) }
```


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

```
.border{ border-color:rgb(252, 25, 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, 25, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 25, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 25, 120);  
box-shadow:4px 4px 4px 4px rgb(252, 25,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8827, 22.7468, 19.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 25, 120) }
```

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

```
.background{ background-color: rgb(252, 25,  
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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