

Converting Colors

XYZ(41.9264, 22.3839, 25.4035)

Have a look what the booklet for
XYZ(41.9264, 22.3839, 25.4035)
contains.

XYZ(41.9258, 22.3826, 25.4031)	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(41.9258, 22.3826,
25.4031)**

Conversions

Conversions Part 1

Format	Color
Hex	F22B88
RGB	242, 43, 136
RGB Percent	95%, 17%, 53%
CMY	0.0510, 0.8313, 0.4667
CMYK	0.00, 0.82, 0.44, 0.05
HSL	332°, 88%, 56%
HSV	332°, 82%, 95%
XYZ	41.9258, 22.3826, 25.4031
YIQ	113.1030, 88.7510, 71.1110

Conversions

Conversions Part 2

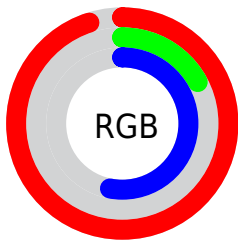
Format	Color
RYB	242, 43, 136
Decimal	15870856
CIELab	54.43, 77.03, -1.69
CIELCh	54, 77.052, 358.743
Yxy	22.3826, 0.4673, 0.2495
Android (android.graphics.Color)	4294060936 (0xFFFF22B88)
YUV	113.1030, 11.2882, 113.0427
Hunter-Lab	47.3103, 75.3917, 1.2816

Details

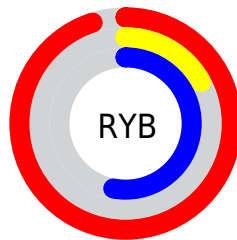
The XYZ color **41.9258, 22.3826, 25.4031** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **38.1753, 66.1887, 39.2048**, and the grayscale version is **15.6782, 16.4947, 17.9627**.

A 20% lighter version of the original color is **56.2195, 36.5225, 52.2306**, and **20.5427, 10.3914, 9.9398** is the 20% darker color. If you saturate the color by 10%, you get **40.4297, 20.7696, 20.6527**, and if you desaturate by 10%, it is **44.0543, 25.0840, 30.9083**.

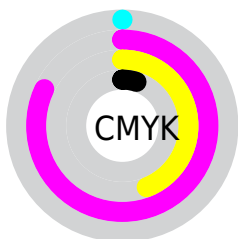
Distribution



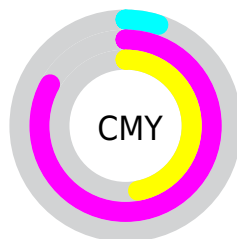
- Red (95%)
- Green (17%)
- Blue (53%)



- Red (95%)
- Yellow (17%)
- Blue (53%)



- Cyan (0%)
- Magenta (82%)
- Yellow (44%)
- Black (5%)





- Cyan (5%)
- Magenta (83%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9258, 22.3826, 25.4031 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 41.9258, 22.3826, 25.4031 by changing the saturation by 10% instead.


 41.9258, 22.3826,
25.4031


 41.9258, 22.3826,
25.4031

345.1721,
264.5378, 293.3512


 29.2340, 14.1383,
16.1559


 77.3532, 47.3775,
53.2826


 19.4031, 8.2169,
9.4790

 100.8195, 64.8970,
72.7520


 12.0677, 4.2341,
4.9538


 128.6081, 86.2769,
96.4659

 6.8623, 1.8053,
2.1619

 161.0843,
111.9017, 124.8427

 3.4217, 0.4905,
0.6523

 198.6134,
142.1558, 158.3012

 1.3805, 0.0000,
0.0000

241.5609,

 0.2423, 0.0000,

177.4236, 197.2597

0.0000

290.2920,
218.0895, 242.1368

■ 0.0000, 0.0000,
0.0000

■ 41.9258, 22.3826,
25.4031

■ 41.9258, 22.3826,
25.4031

■ 40.4297, 20.7696,
20.6527

■ 44.0543, 25.0840,
30.9083


■ 39.6033, 20.0714,
17.4345


■ 46.8972, 29.0320,
37.2136


■ 50.5253, 34.3625,
44.3600


■ 54.9999, 41.1924,
52.3845

■ 60.3756, 49.6262,
61.3215

 66.7024, 59.7588,
71.2028

 74.0267, 71.6777,
82.0588

 82.3913, 85.4645,
93.9182

 89.9525, 97.4271,
106.1801

Harmonies

Analogous

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



38.3431, 22.3826, 57.2382



41.9258, 22.3826, 25.4031



38.8720, 22.3826, 8.1768

Triad

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



41.9258, 22.3826, 25.4031



14.3965, 22.3826, 2.1282



13.9271, 22.3826, 89.4294

Complementary

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



41.9258, 22.3826, 25.4031



38.1753, 66.1887, 39.2048

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.



9.9974, 22.3826, 54.1789



41.9258, 22.3826, 25.4031



10.2138, 22.3826, 7.3546

Square

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



41.9258, 22.3826, 25.4031



21.6314, 22.3826, 1.1912



8.8410, 22.3826, 23.3669



20.9205, 22.3826, 106.3959

Rectangle

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



41.9258, 22.3826, 25.4031



33.8438, 22.3826, 3.4862



8.8410, 22.3826, 23.3669



12.2800, 22.3826, 78.5271

Sweetspot

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



41.9264, 22.3839, 25.4035



72.9818, 63.8533, 76.9128



28.7146, 14.2349, 85.2385



15.0806, 12.8011, 15.6201



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.



41.9264, 22.3839, 25.4035



44.6893, 22.6840, 19.9575



38.0444, 21.0320, 4.3417



16.0802, 15.8818, 17.9785



21.3429, 10.8096, 9.7223



1.8253, 0.9192, 1.0711

Inverse Universe

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



41.9264, 22.3839, 25.4035



44.6893, 22.6840, 19.9575



47.7979, 68.4726, 94.7017



16.0802, 15.8818, 17.9785



21.3429, 10.8096, 9.7223



1.8253, 0.9192, 1.0711

Previews

White Background



This preview shows how the XYZ color 41.9258, 22.3826, 25.4031 looks on a white background.

Color Contrast Check

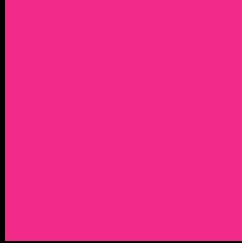
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9258, 22.3826, 25.4031 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 41.9258, 22.3826, 25.4031

Background



This preview shows how black text looks on a background with the XYZ color 41.9258, 22.3826, 25.4031.



This preview shows how white text looks on a background with the XYZ color 41.9258, 22.3826,

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

41.9258, 22.3826, 25.4031

Protanopia

23.5020, 22.7331, 50.1630

Deuteranopia

22.9038, 22.4478, 22.8644



Tritanopia

38.1936, 22.3751, 7.7746

Trichromacy



Original Color

41.9258, 22.3826, 25.4031



Protanomaly

25.7336, 18.9334, 39.3440



Deuteranomaly

27.0345, 19.6807, 23.4930



Tritanomaly

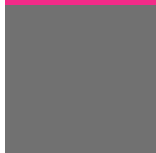
39.0355, 22.0673, 12.5579

Monochromacy



Original Color

41.9258, 22.3826, 25.4031



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

21.4381, 15.8335, 20.0154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9258, 22.3826, 25.4031 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(242, 43, 136)` looks like.

```
.text, #text, p{  
    color:rgb(242, 43, 136)  
}
```

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(242, 43, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 43, 136) }
```

Border

The CSS property to change the border of an element to XYZ 41.9258, 22.3826, 25.4031 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(242, 43, 136) }
```


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

```
.border{ border-color:rgb(242, 43, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 43, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 43, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 43, 136);  
box-shadow:4px 4px 4px 4px rgb(242, 43,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9258, 22.3826, 25.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 43, 136) }
```

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

```
.background{ background-color: rgb(242, 43,  
136) }
```

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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