

Converting Colors

XYZ(41.0988, 24.3066, 32.6625)

Have a look what the booklet for
XYZ(41.0988, 24.3066, 32.6625)
contains.

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Color

**XYZ(41.2208, 24.3210,
32.6588)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E74B99 |
| RGB | 231, 75, 153 |
| RGB Percent | 91%, 29%, 60% |
| CMY | 0.0941, 0.7058, 0.4000 |
| CMYK | 0.00, 0.68, 0.34, 0.09 |
| HSL | 330°, 76%, 60% |
| HSV | 330°, 68%, 91% |
| XYZ | 41.2208, 24.3210, 32.6588 |
| YIQ | 130.5360, 67.9380, 57.3300 |

Conversions

Conversions Part 2

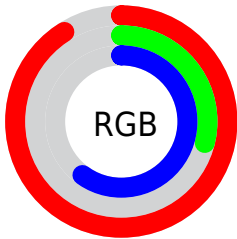
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 231, 75, 153 |
| Decimal | 15158169 |
| CIE Lab | 56.41, 66.37, -9.04 |
| CIE LCh | 56, 66.978, 352.246 |
| Yxy | 24.3210, 0.4198, 0.2477 |
| Android (android.graphics.Color) | 4293348249 (0xFFE74B99) |
| YUV | 130.5360, 11.0748, 88.1069 |
| Hunter-Lab | 49.3163, 62.8947, -4.7422 |

Details

The XYZ color **41.2208, 24.3210, 32.6588** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **37.2288, 60.9482, 39.9430**, and the grayscale version is **21.3544, 22.4665, 24.4661**.

A 20% lighter version of the original color is **60.8900, 42.5401, 64.0333**, and **19.1929, 9.6172, 13.4151** is the 20% darker color. If you saturate the color by 10%, you get **39.0202, 21.3733, 27.4440**, and if you desaturate by 10%, it is **44.0836, 28.4451, 38.5504**.

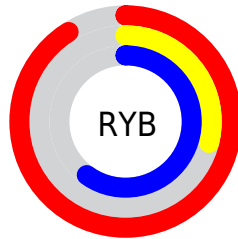
Distribution



Red (91%)

Green (29%)

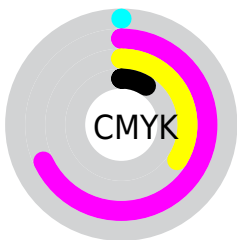
Blue (60%)



Red (91%)

Yellow (29%)

Blue (60%)

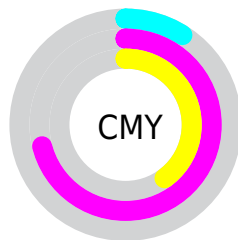


Cyan (0%)

Magenta (68%)

Yellow (34%)

Black (9%)



Cyan (9%)

Magenta (71%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2208, 24.3210, 32.6588 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 41.2208, 24.3210, 32.6588 by changing the saturation by 10% instead.

41.2208, 24.3210,
32.6588

41.2208, 24.3210,
32.6588

342.2894,
274.4394, 328.6942

28.6801, 15.5719,
21.5962

76.2916, 50.5535,
64.9523

18.9820, 9.2217,
13.3650

99.5523, 68.8057,
87.0203

11.7612, 4.8861,
7.5467

127.1171, 90.9945,
113.5939

6.6523, 2.1806,
3.7227

159.3513,
117.5041, 145.0916

3.2900, 0.7094,
1.4745

196.6203,
148.7190, 181.9319

1.3089, 0.0000,
0.1988

239.2894,

0.1899, 0.0000,

185.0236, 224.5335

0.0000

287.7240,
226.8022, 273.3147

■ 0.0000, 0.0000,
0.0000

■ 41.2208, 24.3210,
32.6588

■ 41.2208, 24.3210,
32.6588

■ 39.0202, 21.3733,
27.4440

■ 44.0836, 28.4451,
38.5504

■ 37.4122, 19.4673,
22.8693

■ 47.6644, 33.8533,
45.1492


■ 36.3077, 18.4292,
18.8919


■ 52.0148, 40.6452,
52.4845

■ 36.0780, 18.2381,
17.9877

■ 57.1812, 48.9096,
60.5832

■ 63.2060, 58.7278,
69.4705

 70.1285, 70.1749,
79.1702

 77.9856, 83.3214,
89.7050

 85.2584, 95.1263,
100.5788

 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



36.9926, 24.3210, 62.0897



41.2208, 24.3210, 32.6588



39.8085, 24.3210, 13.4010

Triad

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



41.2208, 24.3210, 32.6588



17.9275, 24.3210, 3.3786



15.1490, 24.3210, 76.4965

Complementary

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



41.2208, 24.3210, 32.6588



37.2288, 60.9482, 39.9430

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.



11.8965, 24.3210, 46.1165



41.2208, 24.3210, 32.6588



13.2332, 24.3210, 8.0185

Square

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



41.2208, 24.3210, 32.6588



25.1832, 24.3210, 2.7214



11.2834, 24.3210, 21.1367



21.1659, 24.3210, 95.1436

Rectangle

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



41.2208, 24.3210, 32.6588



35.9764, 24.3210, 6.9192



11.2834, 24.3210, 21.1367



13.7568, 24.3210, 66.7157

Sweetspot

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



41.2215, 24.3223, 32.6592



77.0455, 70.1308, 83.9701



30.0783, 17.5757, 77.4084



16.0283, 14.2557, 17.2943



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.



41.2215, 24.3223, 32.6592



47.9600, 25.6687, 32.0121



36.7420, 22.5305, 9.0706



14.6760, 14.4876, 16.4943



20.2885, 10.2496, 10.4143



1.5461, 0.7762, 1.0165

Inverse Universe

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



41.2215, 24.3223, 32.6592



47.9600, 25.6687, 32.0121



45.9021, 64.4175, 85.6158



14.6760, 14.4876, 16.4943



20.2885, 10.2496, 10.4143



1.5461, 0.7762, 1.0165

Previews

White Background



This preview shows how the XYZ color 41.2208, 24.3210, 32.6588 looks on a white background.

Color Contrast Check

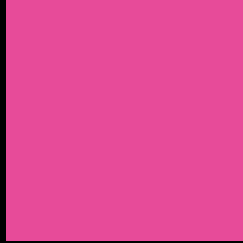
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.2208, 24.3210, 32.6588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

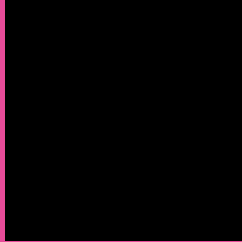
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.2208, 24.3210, 32.6588

Background



This preview shows how black text looks on a background with the XYZ color 41.2208, 24.3210, 32.6588.



This preview shows how white text looks on a background with the XYZ color 41.2208, 24.3210,

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

41.2208, 24.3210, 32.6588

Protanopia

25.4869, 24.6824, 53.8729

Deuteranopia

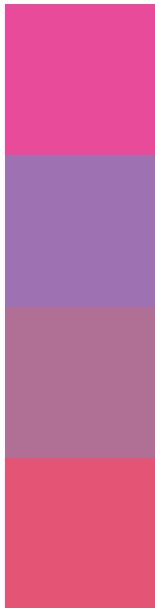
25.0392, 24.5666, 30.2102



Tritanopia

37.3165, 24.3019, 13.5504

Trichromacy



Original Color

41.2208, 24.3210, 32.6588

Protanomaly

28.0416, 22.2937, 44.9446

Deuteranomaly

28.9342, 22.7371, 30.8807

Tritanomaly

38.3176, 24.0956, 19.1543

Monochromacy



Original Color

41.2208, 24.3210, 32.6588

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

26.2810, 21.4484, 27.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2208, 24.3210, 32.6588 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(231, 75, 153)` looks like.

```
.text, #text, p{  
    color:rgb(231, 75, 153)  
}
```

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(231, 75, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 75, 153) }
```

Border

The CSS property to change the border of an element to XYZ 41.2208, 24.3210, 32.6588 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(231, 75, 153) }
```


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

```
.border{ border-color:rgb(231, 75, 153) }
```

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

Here you see how a box with a 4 pixel rgb(231, 75, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 75, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 75, 153);  
box-shadow:4px 4px 4px 4px rgb(231, 75,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2208, 24.3210, 32.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 75, 153) }
```

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

```
.background{ background-color: rgb(231, 75,  
153) }
```

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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