

Converting Colors

XYZ(46.6375, 23.8398, 43.4539)

Have a look what the booklet for
XYZ(46.6375, 23.8398, 43.4539)
contains.

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Color

**XYZ(46.6842, 23.8887,
43.2247)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F71FB0 |
| RGB | 247, 31, 176 |
| RGB Percent | 97%, 12%, 69% |
| CMY | 0.0314, 0.8783, 0.3098 |
| CMYK | 0.00, 0.87, 0.29, 0.03 |
| HSL | 320°, 93%, 55% |
| HSV | 320°, 87%, 97% |
| XYZ | 46.6842, 23.8887, 43.2247 |
| YIQ | 112.1140, 82.1910, 90.8870 |

Conversions

Conversions Part 2

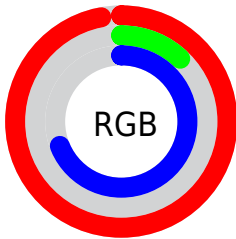
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 247, 31, 176 |
| Decimal | 16195504 |
| CIE Lab | 55.98, 84.26, -22.89 |
| CIE LCh | 56, 87.313, 344.800 |
| Yxy | 23.8887, 0.4102, 0.2099 |
| Android (android.graphics.Color) | 4294385584 (0xFFFF71FB0) |
| YUV | 112.1140, 31.4958, 118.2950 |
| Hunter-Lab | 48.8761, 84.9620, -18.2213 |

Details

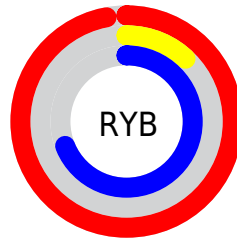
The XYZ color **46.6842, 23.8887, 43.2247** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **36.2261, 67.7731, 23.7487**, and the grayscale version is **15.3318, 16.1302, 17.5658**.

A 20% lighter version of the original color is **61.1681, 37.8113, 80.4183**, and **23.5827, 11.7443, 19.7628** is the 20% darker color. If you saturate the color by 10%, you get **45.4832, 22.7342, 38.9783**, and if you desaturate by 10%, it is **48.4230, 26.0416, 47.8878**.

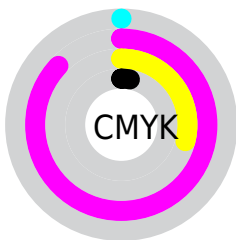
Distribution



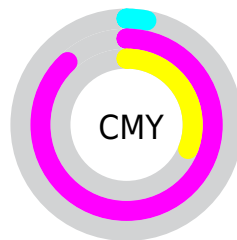
- Red (97%)
- Green (12%)
- Blue (69%)



- Red (97%)
- Yellow (12%)
- Blue (69%)



- Cyan (0%)
- Magenta (87%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (88%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6842, 23.8887, 43.2247 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 46.6842, 23.8887, 43.2247 by changing the saturation by 10% instead.

 46.6842, 23.8887,
43.2247


 46.6842, 23.8887,
43.2247

364.2226,
272.2573, 375.4834


 32.9930, 15.2511,
29.7288


 84.4637, 49.8485,
81.3398


 22.2803, 8.9958,
19.3825


 109.2826, 67.9395,
106.7961


 14.1807, 4.7384,
11.7674


 138.5415, 89.9504,
137.0762

 8.3290, 2.0946,
6.4649

 172.6057,
116.2656, 172.5987

 4.3598, 0.6616,
3.0564

 211.8405,
147.2695, 213.7821

 1.9076, 0.0000,
1.1235

256.6114,

 0.5813, 0.0000,

183.3465, 261.0450

0.0000

307.2836,
224.8809, 314.8059

■ 0.0000, 0.0000,
0.0000

■ 46.6842, 23.8887,
43.2247

■ 46.6842, 23.8887,
43.2247

■ 45.4832, 22.7342,
38.9783

■ 48.4230, 26.0416,
47.8878


■ 45.2226, 22.5201,
37.9444


■ 50.7987, 29.3902,
53.0042


■ 53.8895, 34.0895,
58.6040

■ 57.7613, 40.2703,
64.7130

■ 62.4724, 48.0476,
71.3544

 68.0752, 57.5251,
78.5491

 74.6176, 68.7977,
86.3170

 82.1442, 81.9532,
94.6762

 90.6966, 97.0738,
103.6440

Harmonies

Analogous

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



39.0692, 23.8887, 87.6539



46.6842, 23.8887, 43.2247



46.7403, 23.8887, 14.3560

Triad

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



46.6842, 23.8887, 43.2247



18.1522, 23.8887, 0.8456



11.6384, 23.8887, 87.0450

Complementary

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



46.6842, 23.8887, 43.2247



36.2261, 67.7731, 23.7487

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.



8.7569, 23.8887, 42.7064



46.6842, 23.8887, 43.2247



11.6992, 23.8887, 3.2661

Square

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



46.6842, 23.8887, 43.2247



28.1119, 23.8887, 0.8566



8.7753, 23.8887, 14.1079



18.0409, 23.8887, 123.1065

Rectangle

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



46.6842, 23.8887, 43.2247



42.3654, 23.8887, 5.5751



8.7753, 23.8887, 14.1079



10.3214, 23.8887, 71.6095

Sweetspot

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



46.6850, 23.8900, 43.2251



74.1104, 63.4211, 85.5796



22.4703, 10.3728, 88.8137



15.3809, 12.7523, 17.7220



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.



46.6850, 23.8900, 43.2251



48.6071, 24.2068, 40.7244



39.9736, 21.2055, 7.8836



16.9684, 16.6702, 19.5803



23.9850, 11.9374, 20.4271



2.1553, 1.0681, 2.0443

Inverse Universe

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



46.6850, 23.8900, 43.2251



48.6071, 24.2068, 40.7244



45.1386, 71.3381, 70.6817



16.9684, 16.6702, 19.5803



23.9850, 11.9374, 20.4271



2.1553, 1.0681, 2.0443

Previews

White Background



This preview shows how the XYZ color 46.6842, 23.8887, 43.2247 looks on a white background.

Color Contrast Check

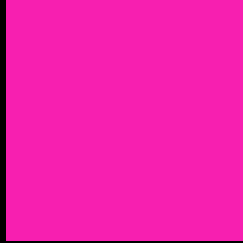
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.6842, 23.8887, 43.2247 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 46.6842, 23.8887, 43.2247

Background



This preview shows how black text looks on a background with the XYZ color 46.6842, 23.8887, 43.2247.



This preview shows how white text looks on a background with the XYZ color 46.6842, 23.8887,

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

46.6842, 23.8887, 43.2247

Protanopia

27.8927, 24.5061, 90.4488

Deuteranopia

24.7157, 24.2057, 38.9668



Tritanopia

39.7235, 23.9586, 9.5520

Trichromacy



Original Color

46.6842, 23.8887, 43.2247



Protanomaly

27.7908, 18.8938, 70.5888



Deuteranomaly

28.7092, 20.0477, 39.8926



Tritanomaly

41.4558, 23.2731, 17.9300

Monochromacy



Original Color

46.6842, 23.8887, 43.2247



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

22.1644, 15.5128, 24.7478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6842, 23.8887, 43.2247 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(247, 31, 176)` looks like.

```
.text, #text, p{  
    color:rgb(247, 31, 176)  
}
```

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(247, 31, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 31, 176) }
```

Border

The CSS property to change the border of an element to XYZ 46.6842, 23.8887, 43.2247 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(247, 31, 176) }
```


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

```
.border{ border-color:rgb(247, 31, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 31, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 31, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 31, 176);  
box-shadow:4px 4px 4px 4px rgb(247, 31,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6842, 23.8887, 43.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 31, 176) }
```

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

```
.background{ background-color: rgb(247, 31,  
176) }
```

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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