

Converting Colors

XYZ(43.6530, 24.2781, 17.1372)

Have a look what the booklet for
XYZ(43.6530, 24.2781, 17.1372)
contains.

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Color

**XYZ(43.6530, 24.2781,
17.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	FA386E
RGB	250, 56, 110
RGB Percent	98%, 22%, 43%
CMY	0.0196, 0.7803, 0.5686
CMYK	0.00, 0.78, 0.56, 0.02
HSL	343°, 95%, 60%
HSV	343°, 78%, 98%
XYZ	43.6530, 24.2781, 17.1372
YIQ	120.1620, 98.2900, 57.9220

Conversions

Conversions Part 2

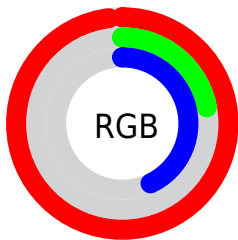
Format	Color
R_{YB}	250, 56, 110
Decimal	16398446
CIE _{Lab}	56.37, 73.85, 16.78
CIE _{LCh}	56, 75.735, 12.804
Yxy	24.2781, 0.5132, 0.2854
Android (android.graphics.Color)	4294588526 (0xFFFA386E)
YUV	120.1620, -5.0099, 113.8679
Hunter-Lab	49.2728, 71.9138, 13.8698

Details

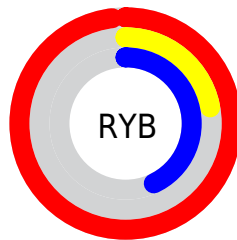
The XYZ color **43.6530, 24.2781, 17.1372** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **45.7827, 73.1983, 63.9488**, and the grayscale version is **17.9000, 18.8322, 20.5082**.

A 20% lighter version of the original color is **54.3895, 37.2662, 38.0447**, and **21.3907, 10.9237, 5.6837** is the 20% darker color. If you saturate the color by 10%, you get **41.8445, 22.0767, 12.1713**, and if you desaturate by 10%, it is **46.2669, 27.7707, 23.3586**.

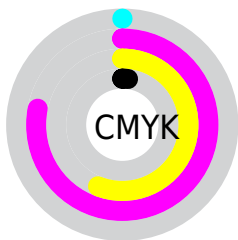
Distribution



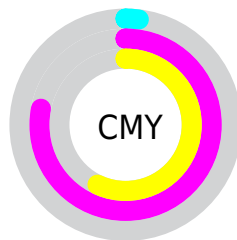
- Red (98%)
- Green (22%)
- Blue (43%)



- Red (98%)
- Yellow (22%)
- Blue (43%)



- Cyan (0%)
- Magenta (78%)
- Yellow (56%)
- Black (2%)





- Cyan (2%)
- Magenta (78%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6530, 24.2781, 17.1372 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 43.6530, 24.2781, 17.1372 by changing the saturation by 10% instead.


 43.6530, 24.2781,
17.1372


 43.6530, 24.2781,
17.1372


352.1666,
274.2235, 248.0324


 30.5945, 15.5400,
10.1694


 79.9449, 50.4836,
39.3554


 20.4406, 9.1993,
5.4043


 103.9091, 68.7199,
55.4428


 12.8258, 4.8714,
2.4235


 132.2392, 90.8910,
75.4072

 7.3849, 2.1720,
0.7992

 165.3007,
117.3814, 99.6671

 3.7524, 0.7047,
0.0000

 203.4588,
148.5755, 128.6411

 1.5630, 0.0000,
0.0000

247.0789,

 0.3681, 0.0000,

184.8576, 162.7476

0.0000

296.5263,
226.6121, 202.4052

■ 0.0000, 0.0000,
0.0000

■ 43.6530, 24.2781,
17.1372

■ 43.6530, 24.2781,
17.1372

■ 41.8445, 22.0767,
12.1713

■ 46.2669, 27.7707,
23.3586

■ 40.7227, 20.9478,
8.3606

■ 49.7747, 32.7131,
30.9198

■ 40.5163, 20.7608,
7.5959

■ 54.2549, 39.2455,
39.8982

■ 59.7763, 47.4903,
50.3644

■ 66.4014, 57.5578,
62.3843

74.1875, 69.5490,
76.0194

83.1880, 83.5575,
91.3280

93.1282, 99.0215,
108.2570

93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



43.1451, 24.2781, 43.3729



43.6530, 24.2781, 17.1372



37.7349, 24.2781, 5.3616

Triad

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



43.6530, 24.2781, 17.1372



13.4351, 24.2781, 4.5106



18.4545, 24.2781, 104.2415

Complementary

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



43.6530, 24.2781, 17.1372



45.7827, 73.1983, 63.9488

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.



12.8100, 24.2781, 74.4904



43.6530, 24.2781, 17.1372



10.4550, 24.2781, 14.6044

Square

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



43.6530, 24.2781, 17.1372



19.5474, 24.2781, 1.7965



10.2596, 24.2781, 38.6025



27.0047, 24.2781, 106.6427

Rectangle

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



43.6530, 24.2781, 17.1372



31.6416, 24.2781, 2.5747



10.2596, 24.2781, 38.6025



16.2145, 24.2781, 96.5279

Sweetspot

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



43.6536, 24.2795, 17.1376



73.0276, 65.6854, 71.5624



41.1855, 21.3390, 92.3903



15.0221, 13.1243, 14.2431



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.



43.6536, 24.2795, 17.1376



43.0482, 22.3255, 10.3967



44.5103, 29.3534, 7.0631



17.4431, 17.3046, 18.9231



21.5434, 11.0331, 4.3041



2.0382, 1.0390, 0.6247

Inverse Universe

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



43.6536, 24.2795, 17.1376



43.0482, 22.3255, 10.3967



41.4355, 52.8402, 98.4575



17.4431, 17.3046, 18.9231



21.5434, 11.0331, 4.3041



2.0382, 1.0390, 0.6247

Previews

White Background



This preview shows how the XYZ color 43.6530, 24.2781, 17.1372 looks on a white background.

Color Contrast Check

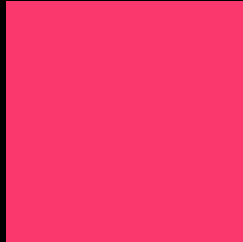
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.6530, 24.2781, 17.1372 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 43.6530, 24.2781, 17.1372

Background



This preview shows how black text looks on a background with the XYZ color 43.6530, 24.2781, 17.1372.



This preview shows how white text looks on a background with the XYZ color 43.6530, 24.2781,

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

43.6530, 24.2781, 17.1372

Protanopia

23.9203, 24.5662, 31.9148

Deuteranopia

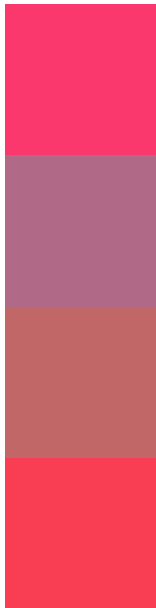
24.8288, 24.3784, 15.7088



Tritanopia

41.7030, 24.2702, 7.9555

Trichromacy



Original Color

43.6530, 24.2781, 17.1372

Protanomaly

27.4317, 21.2874, 25.5847

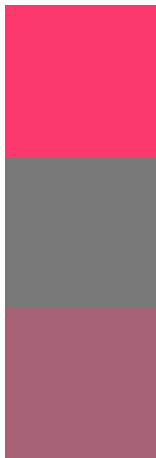
Deuteranomaly

29.3413, 22.0374, 15.8039

Tritanomaly

42.3509, 24.2095, 10.6244

Monochromacy



Original Color

43.6530, 24.2781, 17.1372

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

23.3634, 18.0258, 18.7709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6530, 24.2781, 17.1372 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(250, 56, 110)` looks like.

```
.text, #text, p{  
    color:rgb(250, 56, 110)  
}
```

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(250, 56, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 56, 110) }
```

Border

The CSS property to change the border of an element to XYZ 43.6530, 24.2781, 17.1372 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(250, 56, 110) }
```


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

```
.border{ border-color:rgb(250, 56, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 56, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 56, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 56, 110);  
box-shadow:4px 4px 4px 4px rgb(250, 56,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6530, 24.2781, 17.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 56, 110) }
```

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

```
.background{ background-color: rgb(250, 56,  
110) }
```

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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