

Converting Colors

XYZ(41.4420, 23.2413, 17.0907)

Have a look what the booklet for
XYZ(41.4420, 23.2413, 17.0907)
contains.

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Color

**XYZ(41.5858, 23.2851,
17.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	F4396E
RGB	244, 57, 110
RGB Percent	96%, 22%, 43%
CMY	0.0431, 0.7764, 0.5686
CMYK	0.00, 0.77, 0.55, 0.04
HSL	343°, 89%, 59%
HSV	343°, 77%, 96%
XYZ	41.5858, 23.2851, 17.0545
YIQ	118.9550, 94.4390, 56.1270

Conversions

Conversions Part 2

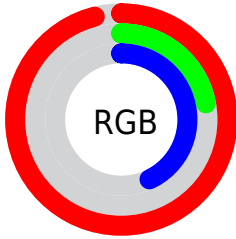
Format	Color
R_{YB}	244, 57, 110
Decimal	16005486
CIE Lab	55.36, 71.98, 15.23
CIE LCh	55, 73.569, 11.950
Yxy	23.2851, 0.5076, 0.2842
Android (android.graphics.Color)	4294195566 (0xFF4396E)
YUV	118.9550, -4.4148, 109.6645
Hunter-Lab	48.2546, 69.3855, 12.8235

Details

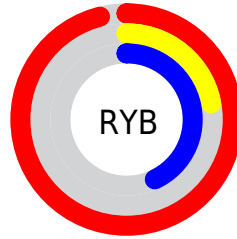
The XYZ color **41.5858, 23.2851, 17.0545** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **43.4441, 69.3335, 60.3908**, and the grayscale version is **17.5148, 18.4269, 20.0669**.

A 20% lighter version of the original color is **54.3895, 37.2662, 38.0447**, and **19.9533, 10.1826, 5.6164** is the 20% darker color. If you saturate the color by 10%, you get **39.7956, 21.0812, 12.2152**, and if you desaturate by 10%, it is **44.1439, 26.7246, 23.0769**.

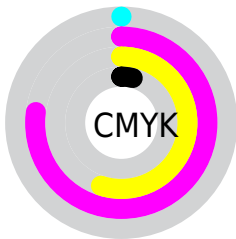
Distribution



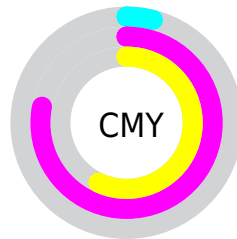
- Red (96%)
- Green (22%)
- Blue (43%)



- Red (96%)
- Yellow (22%)
- Blue (43%)



- Cyan (0%)
- Magenta (77%)
- Yellow (55%)
- Black (4%)





- Cyan (4%)
- Magenta (78%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5858, 23.2851, 17.0545 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 41.5858, 23.2851, 17.0545 by changing the saturation by 10% instead.


 41.5858, 23.2851,
17.0545


 41.5858, 23.2851,
17.0545


343.7839,
269.1860, 247.5408

 28.9668, 14.8042,
10.1110


 76.8415, 48.8610,
39.2114

 19.1999, 8.6821,
5.3660


 100.2088, 66.7248,
55.2618


 11.9196, 4.5344,
2.4011


 127.8897, 88.4850,
75.1850

 6.7608, 1.9768,
0.7871

 160.2494,
114.5260, 99.3995

 3.3579, 0.5939,
0.0000

 197.6534,
145.2322, 128.3238

 1.3458, 0.0000,
0.0000

240.4668,

 0.2171, 0.0000,

180.9880, 162.3764

0.0000

289.0553,
222.1778, 201.9759

■ 0.0000, 0.0000,
0.0000

■ 41.5858, 23.2851,
17.0545

■ 41.5858, 23.2851,
17.0545

■ 39.7956, 21.0812,
12.2152

■ 44.1439, 26.7246,
23.0769

■ 38.6682, 19.9197,
8.4687


■ 47.5516, 31.5463,
30.3595


■ 38.3867, 19.6645,
7.4259

■ 51.8815, 37.8802,
38.9732


■ 57.1977, 45.8404,
48.9831

■ 63.5582, 55.5297,
60.4498

 71.0166, 67.0425,
73.4300

 79.6227, 80.4664,
87.9774

 89.4231, 95.8831,
104.1430

 91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



40.9234, 23.2851, 42.2163



41.5858, 23.2851, 17.0545



36.1671, 23.2851, 5.4846

Triad

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



41.5858, 23.2851, 17.0545



13.1232, 23.2851, 4.3416



17.5672, 23.2851, 97.8332

Complementary

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



41.5858, 23.2851, 17.0545



43.4441, 69.3335, 60.3908

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.



12.2979, 23.2851, 69.5252



41.5858, 23.2851, 17.0545



10.2067, 23.2851, 13.7118

Square

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



41.5858, 23.2851, 17.0545



19.0039, 23.2851, 1.8126



9.9479, 23.2851, 35.9842



25.5854, 23.2851, 100.9469

Rectangle

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



41.5858, 23.2851, 17.0545



30.4703, 23.2851, 2.6713



9.9479, 23.2851, 35.9842



15.4729, 23.2851, 90.3942

Sweetspot

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



41.5864, 23.2865, 17.0549



73.0654, 65.7005, 71.7612



38.5083, 20.1384, 87.4451



15.0310, 13.1279, 14.2903



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.



41.5864, 23.2865, 17.0549



43.2126, 22.4607, 11.0487



42.0863, 27.6073, 6.9833



16.6922, 16.5597, 18.1255



20.9230, 10.7126, 4.3030



1.8812, 0.9584, 0.6007

Inverse Universe

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



41.5864, 23.2865, 17.0549



43.2126, 22.4607, 11.0487



40.2338, 51.8351, 93.4722



16.6922, 16.5597, 18.1255



20.9230, 10.7126, 4.3030



1.8812, 0.9584, 0.6007

Previews

White Background



This preview shows how the XYZ color 41.5858, 23.2851, 17.0545 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 41.5858, 23.2851, 17.0545 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 41.5858, 23.2851, 17.0545

Background



This preview shows how black text looks on a background with the XYZ color 41.5858, 23.2851, 17.0545.



This preview shows how white text looks on a background with the XYZ color 41.5858, 23.2851,

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

41.5858, 23.2851, 17.0545

Protanopia

22.9566, 23.4659, 31.3364

Deuteranopia

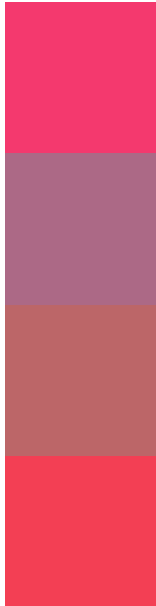
23.7784, 23.4458, 15.5842



Tritanopia

39.6993, 23.3212, 8.0393

Trichromacy



Original Color

41.5858, 23.2851, 17.0545

Protanomaly

26.3679, 20.5950, 25.1398

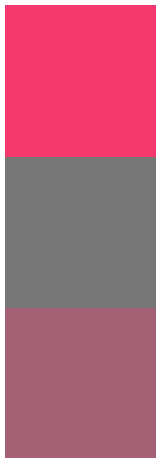
Deuteranomaly

27.9891, 21.1936, 15.7123

Tritanomaly

40.3399, 23.2498, 10.7490

Monochromacy



Original Color

41.5858, 23.2851, 17.0545

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.6451, 17.5192, 18.7110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5858, 23.2851, 17.0545 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(244, 57, 110)` looks like.

```
.text, #text, p{  
    color:rgb(244, 57, 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(244, 57, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 57, 110) }
```

Border

The CSS property to change the border of an element to XYZ 41.5858, 23.2851, 17.0545 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(244, 57, 110) }
```


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

```
.border{ border-color:rgb(244, 57, 110) }
```

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

Here you see how a box with a 4 pixel rgb(244, 57, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 57, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 57, 110);  
box-shadow:4px 4px 4px 4px rgb(244, 57,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5858, 23.2851, 17.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 57, 110) }
```

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

```
.background{ background-color: rgb(244, 57,  
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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