

Converting Colors

XYZ(43.1177, 24.4343, 18.3633)

Have a look what the booklet for
XYZ(43.1177, 24.4343, 18.3633)
contains.

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Color

**XYZ(43.1177, 24.4343,
18.3633)**

Conversions

Conversions Part 1

Format	Color
Hex	F73E72
RGB	247, 62, 114
RGB Percent	97%, 24%, 45%
CMY	0.0314, 0.7568, 0.5529
CMYK	0.00, 0.75, 0.54, 0.03
HSL	343°, 92%, 61%
HSV	343°, 75%, 97%
XYZ	43.1177, 24.4343, 18.3633
YIQ	123.2430, 93.5680, 55.3920

Conversions

Conversions Part 2

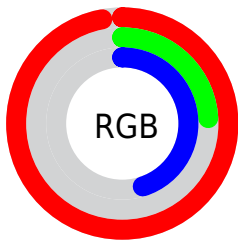
Format	Color
R_{YB}	247, 62, 114
Decimal	16203378
CIE _{Lab}	56.52, 71.60, 14.54
CIE _{LCh}	57, 73.061, 11.475
Yxy	24.4343, 0.5019, 0.2844
Android (android.graphics.Color)	4294393458 (0xFF73E72)
YUV	123.2430, -4.5568, 108.5349
Hunter-Lab	49.4311, 69.1975, 12.5759

Details

The XYZ color **43.1177, 24.4343, 18.3633** 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 **45.0999, 71.4866, 63.0585**, and the grayscale version is **18.9017, 19.8860, 21.6559**.

A 20% lighter version of the original color is **55.3306, 38.4285, 40.5776**, and **20.7803, 10.5956, 6.2601** is the 20% darker color. If you saturate the color by 10%, you get **41.1515, 21.9658, 13.1957**, and if you desaturate by 10%, it is **45.8911, 28.2035, 24.7685**.

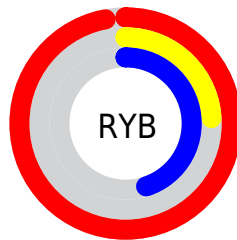
Distribution



Red (97%)

Green (24%)

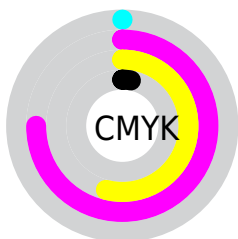
Blue (45%)



Red (97%)

Yellow (24%)

Blue (45%)

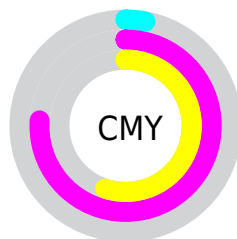


Cyan (0%)

Magenta (75%)

Yellow (54%)

Black (3%)



Cyan (3%)


Magenta (76%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1177, 24.4343, 18.3633 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 43.1177, 24.4343, 18.3633 by changing the saturation by 10% instead.


 43.1177, 24.4343,
18.3633


 43.1177, 24.4343,
18.3633

350.0089,
275.0089, 255.2154


 30.1724, 15.6561,
11.0390


 79.1430, 50.7380,
41.4777

 20.1182, 9.2811,
5.9786


 102.9538, 69.0323,
58.1048


 12.5898, 4.9250,
2.7635


 131.1171, 91.2674,
78.6700

 7.2217, 2.2033,
0.9752

 163.9983,
117.8277, 103.5918

 3.6487, 0.7218,
0.0000

 201.9627,
149.0976, 133.2887

 1.5054, 0.0000,
0.0000

245.3757,

 0.3295, 0.0000,

185.4615, 168.1792

0.0000

294.6026,
227.3038, 208.6819

■ 0.0000, 0.0000,
0.0000

■ 43.1177, 24.4343,
18.3633

■ 43.1177, 24.4343,
18.3633

■ 41.1515, 21.9658,
13.1957

■ 45.8911, 28.2035,
24.7685

■ 39.8893, 20.6092,
9.1745


■ 49.5535, 33.4199,
32.4897

■ 39.4448, 20.2090,
7.5197


■ 54.1784, 40.2146,
41.5997

■ 59.8305, 48.7028,
52.1651

■ 66.5690, 58.9890,
64.2480

 74.4484, 71.1692,
77.9068

 83.5193, 85.3323,
93.1966

 92.1677, 98.5141,
108.7651

Harmonies

Analogous

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



42.3396, 24.4343, 44.3433



43.1177, 24.4343, 18.3633



37.6865, 24.4343, 6.1284

Triad

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



43.1177, 24.4343, 18.3633



14.0223, 24.4343, 4.7275



18.4249, 24.4343, 99.8515

Complementary

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



43.1177, 24.4343, 18.3633



45.0999, 71.4866, 63.0585

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.



13.0350, 24.4343, 70.9882



43.1177, 24.4343, 18.3633



10.9525, 24.4343, 14.3680

Square

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



43.1177, 24.4343, 18.3633



20.1327, 24.4343, 2.0765



10.6415, 24.4343, 37.0035



26.6168, 24.4343, 103.4790

Rectangle

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



43.1177, 24.4343, 18.3633



31.9008, 24.4343, 3.0654



10.6415, 24.4343, 37.0035



16.2833, 24.4343, 92.2182

Sweetspot

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



43.1183, 24.4357, 18.3637



73.8633, 66.9500, 73.0947



40.9109, 21.7092, 90.0295



15.3427, 13.6110, 14.8265



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.



43.1183, 24.4357, 18.3637



43.4437, 22.7150, 11.7668



43.9881, 29.6432, 7.9626



16.6905, 16.5591, 18.1170



20.9131, 10.7087, 4.2508



1.8801, 0.9580, 0.5952

Inverse Universe

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



43.1183, 24.4357, 18.3637



43.4437, 22.7150, 11.7668



41.0692, 52.3265, 95.9309



16.6905, 16.5591, 18.1170



20.9131, 10.7087, 4.2508



1.8801, 0.9580, 0.5952

Previews

White Background



This preview shows how the XYZ color 43.1177, 24.4343, 18.3633 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 43.1177, 24.4343, 18.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

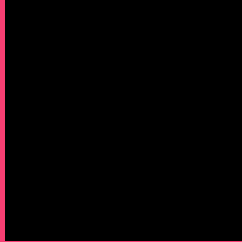
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.1177, 24.4343, 18.3633

Background



This preview shows how black text looks on a background with the XYZ color 43.1177, 24.4343, 18.3633.



This preview shows how white text looks on a background with the XYZ color 43.1177, 24.4343,

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

43.1177, 24.4343, 18.3633

Protanopia

24.0814, 24.6306, 32.7631

Deuteranopia

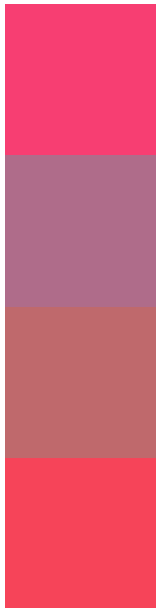
24.8305, 24.3561, 16.7571



Tritanopia

41.1455, 24.4134, 9.0222

Trichromacy



Original Color

43.1177, 24.4343, 18.3633

Protanomaly

27.6292, 21.6741, 26.7720

Deuteranomaly

29.2442, 22.2622, 16.9431

Tritanomaly

41.8763, 24.4483, 11.9631

Monochromacy



Original Color

43.1177, 24.4343, 18.3633

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

24.1923, 18.9883, 20.1593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1177, 24.4343, 18.3633 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, 62, 114)` looks like.

```
.text, #text, p{  
    color:rgb(247, 62, 114)  
}
```

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, 62, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 62, 114) }
```

Border

The CSS property to change the border of an element to XYZ 43.1177, 24.4343, 18.3633 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, 62, 114) }
```


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

```
.border{ border-color:rgb(247, 62, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 62, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 62, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 62, 114);  
box-shadow:4px 4px 4px 4px rgb(247, 62,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1177, 24.4343, 18.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 62, 114) }
```

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

```
.background{ background-color: rgb(247, 62,  
114) }
```

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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