

Converting Colors

XYZ(41.4067, 23.1910, 14.8280)

Have a look what the booklet for
XYZ(41.4067, 23.1910, 14.8280)
contains.

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Color

**XYZ(41.4686, 23.2001,
14.8628)**

Conversions

Conversions Part 1

Format	Color
Hex	F53866
RGB	245, 56, 102
RGB Percent	96%, 22%, 40%
CMY	0.0392, 0.7803, 0.6000
CMYK	0.00, 0.77, 0.58, 0.04
HSL	345°, 90%, 59%
HSV	345°, 77%, 96%
XYZ	41.4686, 23.2001, 14.8628
YIQ	117.7550, 97.8780, 54.3740

Conversions

Conversions Part 2

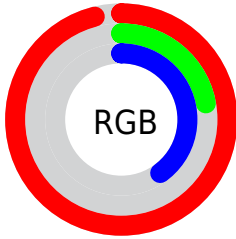
Format	Color
R_{YB}	245, 56, 102
Decimal	16070758
CIE _{Lab}	55.28, 71.99, 19.92
CIE _{LCh}	55, 74.697, 15.463
Yxy	23.2001, 0.5214, 0.2917
Android (android.graphics.Color)	4294260838 (0xFFFF53866)
YUV	117.7550, -7.7672, 111.5939
Hunter-Lab	48.1665, 69.3870, 15.4213

Details

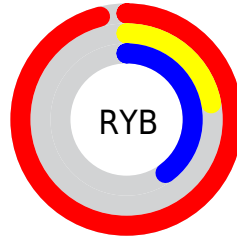
The XYZ color **41.4686, 23.2001, 14.8628** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **44.5943, 70.2698, 65.2542**, and the grayscale version is **17.1473, 18.0403, 19.6459**.

A 20% lighter version of the original color is **53.5866, 36.7536, 34.4068**, and **20.0052, 10.2306, 4.6617** is the 20% darker color. If you saturate the color by 10%, you get **39.7388, 21.0511, 10.2463**, and if you desaturate by 10%, it is **43.9854, 26.5945, 20.7562**.

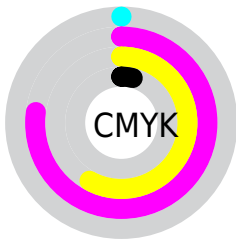
Distribution



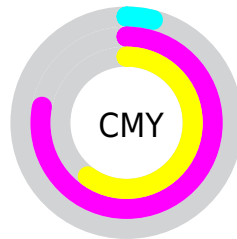
- Red (96%)
- Green (22%)
- Blue (40%)



- Red (96%)
- Yellow (22%)
- Blue (40%)



- Cyan (0%)
- Magenta (77%)
- Yellow (58%)
- Black (4%)





- Cyan (4%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4686, 23.2001, 14.8628 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 41.4686, 23.2001, 14.8628 by changing the saturation by 10% instead.


 41.4686, 23.2001,
14.8628


 41.4686, 23.2001,
14.8628


343.3046,
268.7511, 234.1464


 28.8747, 14.7413,
8.5776


 76.6650, 48.7217,
35.3512


 19.1299, 8.6380,
4.3737


 99.9981, 66.5533,
50.3915


 11.8687, 4.5059,
1.8325


 127.6418, 88.2780,
69.1872

 6.7259, 1.9604,
0.4493

 159.9613,
114.2801, 92.1569

 3.3361, 0.5843,
0.0000

 197.3219,
144.9441, 119.7191

 1.3339, 0.0000,
0.0000

240.0891,

 0.2084, 0.0000,

180.6543, 152.2924

0.0000

288.6282,
221.7952, 190.2953

■ 0.0000, 0.0000,
0.0000

■ 41.4686, 23.2001,
14.8628

■ 41.4686, 23.2001,
14.8628

■ 39.7388, 21.0511,
10.2463

■ 43.9854, 26.5945,
20.7562

■ 38.6840, 19.9454,
6.8004

■ 47.3749, 31.3848,
28.0166

■ 38.4615, 19.7346,
6.0039

■ 51.7127, 37.7042,
36.7266

■ 57.0657, 45.6691,
46.9615

■ 63.4945, 55.3845,
58.7913

71.0549, 66.9469,
72.2814

79.7987, 80.4454,
87.4937

89.7744, 95.9636,
104.4866

91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



41.5711, 23.2001, 38.6767



41.4686, 23.2001, 14.8628



35.3646, 23.2001, 4.5986

Triad

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



41.4686, 23.2001, 14.8628



12.4587, 23.2001, 4.7697



18.2552, 23.2001, 101.2271

Complementary

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



41.4686, 23.2001, 14.8628



44.5943, 70.2698, 65.2542

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.



12.5847, 23.2001, 74.3732



41.4686, 23.2001, 14.8628



9.8589, 23.2001, 15.3732

Square

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



41.4686, 23.2001, 14.8628



18.0349, 23.2001, 1.7948



9.8982, 23.2001, 39.6394



26.6231, 23.2001, 100.7420

Rectangle

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



41.4686, 23.2001, 14.8628



29.4274, 23.2001, 2.2573



9.8982, 23.2001, 39.6394



16.0234, 23.2001, 94.6028

Sweetspot

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



41.4692, 23.2015, 14.8632



72.7694, 65.5821, 70.2027



41.1199, 21.3946, 88.3480



14.9608, 13.0998, 13.9205



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.



41.4692, 23.2015, 14.8632



42.7430, 22.2034, 8.7897



43.2464, 29.4505, 7.1485



16.6644, 16.5486, 17.9796



20.7655, 10.6497, 3.4737



1.8641, 0.9516, 0.5106

Inverse Universe

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



41.4692, 23.2015, 14.8632



42.7430, 22.2034, 8.7897



38.2508, 47.7092, 93.5785



16.6644, 16.5486, 17.9796



20.7655, 10.6497, 3.4737



1.8641, 0.9516, 0.5106

Previews

White Background



This preview shows how the XYZ color 41.4686, 23.2001, 14.8628 looks on a white background.

Color Contrast Check

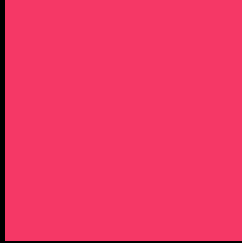
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4686, 23.2001, 14.8628 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 41.4686, 23.2001, 14.8628

Background



This preview shows how black text looks on a background with the XYZ color 41.4686, 23.2001, 14.8628.



This preview shows how white text looks on a background with the XYZ color 41.4686, 23.2001,

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

41.4686, 23.2001, 14.8628

Protanopia

22.6702, 23.4058, 27.3677

Deuteranopia

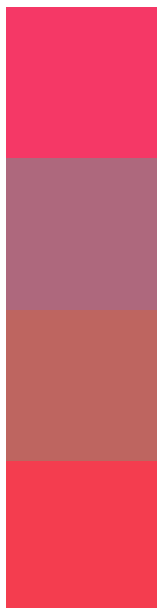
23.6657, 23.2382, 13.5940



Tritanopia

39.7789, 23.1148, 7.5193

Trichromacy



Original Color

41.4686, 23.2001, 14.8628

Protanomaly

26.1075, 20.3800, 21.9597

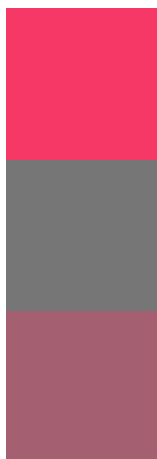
Deuteranomaly

28.0002, 21.0990, 13.6631

Tritanomaly

40.3883, 23.1351, 9.7340

Monochromacy



Original Color

41.4686, 23.2001, 14.8628

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

22.3267, 17.2468, 17.4815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4686, 23.2001, 14.8628 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(245, 56, 102)` looks like.

```
.text, #text, p{  
    color:rgb(245, 56, 102)  
}
```

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(245, 56, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 56, 102) }
```

Border

The CSS property to change the border of an element to XYZ 41.4686, 23.2001, 14.8628 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(245, 56, 102) }
```


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

```
.border{ border-color:rgb(245, 56, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 56, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 56, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 56, 102);  
box-shadow:4px 4px 4px 4px rgb(245, 56,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4686, 23.2001, 14.8628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 56, 102) }
```

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

```
.background{ background-color: rgb(245, 56,  
102) }
```

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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