

Converting Colors

XYZ(42.8140, 23.9951, 14.9455)

Have a look what the booklet for
XYZ(42.8140, 23.9951, 14.9455)
contains.

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Color

**XYZ(42.9283, 24.0253,
14.9451)**

Conversions

Conversions Part 1

Format	Color
Hex	F93966
RGB	249, 57, 102
RGB Percent	98%, 22%, 40%
CMY	0.0235, 0.7764, 0.6000
CMYK	0.00, 0.77, 0.59, 0.02
HSL	346°, 94%, 60%
HSV	346°, 77%, 98%
XYZ	42.9283, 24.0253, 14.9451
YIQ	119.5380, 99.9870, 54.6990

Conversions

Conversions Part 2

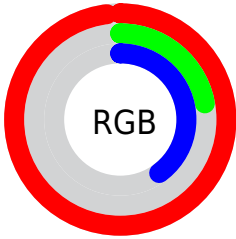
Format	Color
R_{YB}	249, 57, 102
Decimal	16333158
CIE _{Lab}	56.11, 72.79, 21.17
CIE _{LCh}	56, 75.806, 16.213
Yxy	24.0253, 0.5242, 0.2934
Android (android.graphics.Color)	4294523238 (0xFFFF93966)
YUV	119.5380, -8.6462, 113.5382
Hunter-Lab	49.0156, 70.5545, 16.2331

Details

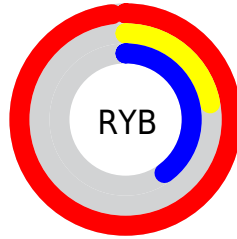
The XYZ color **42.9283, 24.0253, 14.9451** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **46.4645, 72.9816, 68.7738**, and the grayscale version is **17.7117, 18.6341, 20.2925**.

A 20% lighter version of the original color is **53.8271, 37.2347, 34.4870**, and **20.7214, 10.5998, 4.6952** is the 20% darker color. If you saturate the color by 10%, you get **41.1452, 21.8024, 10.2101**, and if you desaturate by 10%, it is **45.5328, 27.5435, 21.0269**.

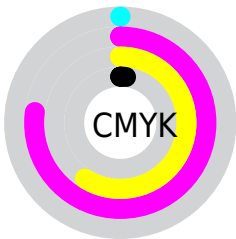
Distribution



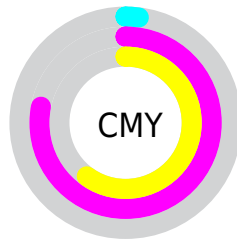
- Red (98%)
- Green (22%)
- Blue (40%)



- Red (98%)
- Yellow (22%)
- Blue (40%)



- Cyan (0%)
- Magenta (77%)
- Yellow (59%)
- Black (2%)





- Cyan (2%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9283, 24.0253, 14.9451 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 42.9283, 24.0253, 14.9451 by changing the saturation by 10% instead.


 42.9283, 24.0253,
14.9451


 42.9283, 24.0253,
14.9451


349.2433,
272.9484, 234.6630

 30.0231, 15.3524,
8.6347


 78.8590, 50.0715,
35.4978


 20.0043, 9.0671,
4.4101


 102.6153, 68.2135,
50.5771


 12.5065, 4.7850,
1.8529


 130.7194, 90.2808,
69.4165

 7.1642, 2.1216,
0.4625

 163.5365,
116.6576, 92.4345

 3.6123, 0.6768,
0.0000

 201.4321,
147.7283, 120.0495

 1.4852, 0.0000,
0.0000

244.7716,

 0.3157, 0.0000,

183.8775, 152.6803

0.0000

293.9202,
225.4893, 190.7453

■ 0.0000, 0.0000,
0.0000

■ 42.9283, 24.0253,
14.9451

■ 42.9283, 24.0253,
14.9451

■ 41.1452, 21.8024,
10.2101

■ 45.5328, 27.5435,
21.0269

■ 40.0667, 20.6649,
6.7080


■ 49.0485, 32.5139,
28.5524


■ 39.8392, 20.4486,
5.8963


■ 53.5545, 39.0751,
37.6101

■ 59.1209, 47.3484,
48.2808

■ 65.8112, 57.4435,
60.6395

 73.6836, 69.4606,
74.7563

 82.7926, 83.4926,
90.6972

 92.8002, 98.8490,
108.3953

 92.8767, 98.8796,
108.7983

Harmonies

Analogous

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



43.2077, 24.0253, 39.2996



42.9283, 24.0253, 14.9451



36.4572, 24.0253, 4.5903

Triad

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



42.9283, 24.0253, 14.9451



12.7730, 24.0253, 5.0540



19.0807, 24.0253, 105.5763

Complementary

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



42.9283, 24.0253, 14.9451



46.4645, 72.9816, 68.7738

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.



13.1155, 24.0253, 78.1364



42.9283, 24.0253, 14.9451



10.1492, 24.0253, 16.3331

Square

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



42.9283, 24.0253, 14.9451



18.4810, 24.0253, 1.8636



10.2562, 24.0253, 41.9223



27.8249, 24.0253, 104.2530

Rectangle

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



42.9283, 24.0253, 14.9451



30.2586, 24.0253, 2.2603



10.2562, 24.0253, 41.9223



16.7378, 24.0253, 98.9127

Sweetspot

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



42.9289, 24.0267, 14.9455



72.7034, 65.5557, 69.8549



42.6510, 22.1853, 91.6563



14.9451, 13.0935, 13.8381



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.



42.9289, 24.0267, 14.9455



42.6704, 22.1744, 8.4073



44.8583, 30.5407, 7.4036



17.4112, 17.2919, 18.7554



21.3706, 10.9640, 3.3941



2.0184, 1.0311, 0.5203

Inverse Universe

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



42.9289, 24.0267, 14.9455



42.6704, 22.1744, 8.4073



39.6744, 49.4847, 97.0825



17.4112, 17.2919, 18.7554



21.3706, 10.9640, 3.3941



2.0184, 1.0311, 0.5203

Previews

White Background



This preview shows how the XYZ color 42.9283, 24.0253, 14.9451 looks on a white background.

Color Contrast Check

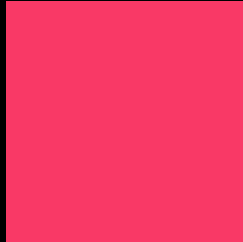
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9283, 24.0253, 14.9451 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 42.9283, 24.0253, 14.9451

Background



This preview shows how black text looks on a background with the XYZ color 42.9283, 24.0253, 14.9451.

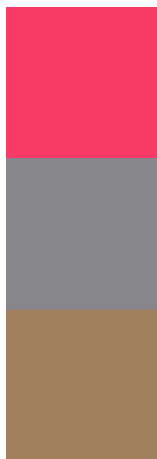


This preview shows how white text looks on a background with the XYZ color 42.9283, 24.0253,

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

42.9283, 24.0253, 14.9451

Protanopia

23.2659, 24.1194, 27.4740

Deuteranopia

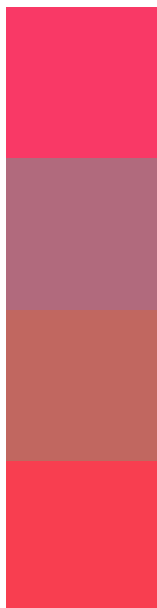
24.5240, 24.0679, 13.7089



Tritanopia

41.2612, 23.9600, 7.7602

Trichromacy



Original Color

42.9283, 24.0253, 14.9451

Protanomaly

26.9872, 21.1358, 22.0593

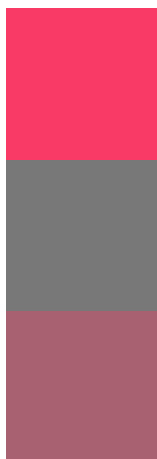
Deuteranomaly

28.9539, 21.8825, 13.7640

Tritanomaly

41.8820, 23.9809, 10.0108

Monochromacy



Original Color

42.9283, 24.0253, 14.9451

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

23.1917, 17.9571, 17.8665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9283, 24.0253, 14.9451 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(249, 57, 102)` looks like.

```
.text, #text, p{  
  color:rgb(249, 57, 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(249, 57, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 57, 102) }
```

Border

The CSS property to change the border of an element to XYZ 42.9283, 24.0253, 14.9451 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(249, 57, 102) }
```


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

```
.border{ border-color:rgb(249, 57, 102) }
```

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

Here you see how a box with a 4 pixel rgb(249, 57, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 57, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 57, 102);  
box-shadow:4px 4px 4px 4px rgb(249, 57,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9283, 24.0253, 14.9451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 57, 102) }
```

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

```
.background{ background-color: rgb(249, 57,  
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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