

Converting Colors

XYZ(44.9203, 25.0053, 14.3037)

Have a look what the booklet for
XYZ(44.9203, 25.0053, 14.3037)
contains.

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Color

**XYZ(44.9063, 24.9892,
14.2610)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3863
RGB	255, 56, 99
RGB Percent	100%, 22%, 39%
CMY	0.0000, 0.7803, 0.6118
CMYK	0.00, 0.78, 0.61, 0.00
HSL	347°, 100%, 61%
HSV	347°, 78%, 100%
XYZ	44.9063, 24.9892, 14.2610
YIQ	120.4030, 104.8010, 55.5610

Conversions

Conversions Part 2

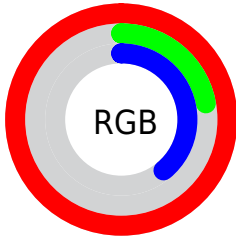
Format	Color
R_{YB}	255, 56, 99
Decimal	16726115
CIE _{Lab}	57.06, 74.49, 24.41
CIE _{LCh}	57, 78.388, 18.140
Yxy	24.9892, 0.5336, 0.2969
Android (android.graphics.Color)	4294916195 (0xFFFF3863)
YUV	120.4030, -10.5517, 118.0416
Hunter-Lab	49.9892, 72.8690, 18.0781

Details

The XYZ color **44.9063, 24.9892, 14.2610** 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 **49.2772, 77.1150, 74.5849**, and the grayscale version is **17.9932, 18.9303, 20.6151**.

A 20% lighter version of the original color is **53.5022, 37.1047, 32.7758**, and **22.1285, 11.3334, 4.3894** is the 20% darker color. If you saturate the color by 10%, you get **43.1288, 22.7794, 9.5226**, and if you desaturate by 10%, it is **47.5500, 28.5535, 20.4555**.

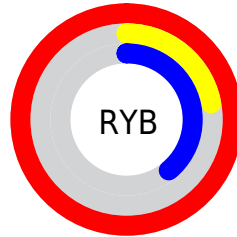
Distribution



Red (100%)

Green (22%)

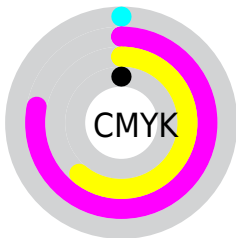
Blue (39%)



Red (100%)

Yellow (22%)

Blue (39%)

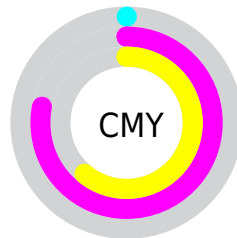


Cyan (0%)

Magenta (78%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9063, 24.9892, 14.2610 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 44.9063, 24.9892, 14.2610 by changing the saturation by 10% instead.


 44.9063, 24.9892,
14.2610


 44.9063, 24.9892,
14.2610


357.1840,
277.7842, 230.3331


 31.5846, 16.0690,
8.1616

 81.8177, 51.6397,
34.2752

 21.1984, 9.5730,
4.1093


 106.1381, 70.1388,
49.0271


 13.3824, 5.1168,
1.6855


 134.8555, 92.5997,
67.5002

 7.7712, 2.3159,
0.3508

 168.3352,
119.4067, 90.1130

 3.9995, 0.7821,
0.0000

 206.9425,
150.9442, 117.2842

 1.7018, 0.0000,
0.0000

251.0429,

 0.4574, 0.0000,

187.5967, 149.4323

0.0000

301.0016,
229.7486, 186.9758

■ 0.0000, 0.0000,
0.0000

■ 44.9063, 24.9892,
14.2610

■ 44.9063, 24.9892,
14.2610

■ 43.1288, 22.7794,
9.5226

■ 47.5500, 28.5535,
20.4555

■ 42.0841, 21.6847,
6.1076

■ 51.1582, 33.6423,
28.2171

■ 41.9314, 21.5365,
5.5720

■ 55.8171, 40.4051,
37.6466

■ 61.6027, 48.9725,
48.8359

■ 68.5838, 59.4617,
61.8697

76.8237, 71.9805,
76.8275

86.3810, 86.6283,
93.7837

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



45.6796, 24.9892, 39.0401



44.9063, 24.9892, 14.2610



37.6612, 24.9892, 4.2030

Triad

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



44.9063, 24.9892, 14.2610



12.8399, 24.9892, 5.4405



20.2897, 24.9892, 113.3338

Complementary

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



44.9063, 24.9892, 14.2610



49.2772, 77.1150, 74.5849

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.



13.7733, 24.9892, 85.2785



44.9063, 24.9892, 14.2610



10.2793, 24.9892, 18.0480

Square

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



44.9063, 24.9892, 14.2610



18.6466, 24.9892, 1.8571



10.5697, 24.9892, 46.2843



29.7122, 24.9892, 109.6463

Rectangle

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



44.9063, 24.9892, 14.2610



30.9860, 24.9892, 2.0519



10.5697, 24.9892, 46.2843



17.7409, 24.9892, 106.8151

Sweetspot

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



44.9069, 24.9907, 14.2614



72.5700, 65.5024, 69.1527



46.5835, 24.0301, 96.7902



14.9136, 13.0809, 13.6719



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.



44.9069, 24.9907, 14.2614



42.4306, 22.0164, 7.3360



47.7918, 33.2213, 7.6369



18.1699, 18.0513, 19.5121



21.9545, 11.2711, 3.1451



2.1759, 1.1127, 0.5075

Inverse Universe

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



44.9069, 24.9907, 14.2614



42.4306, 22.0164, 7.3360



40.0180, 48.7338, 101.9046



18.1699, 18.0513, 19.5121



21.9545, 11.2711, 3.1451



2.1759, 1.1127, 0.5075

Previews

White Background



This preview shows how the XYZ color 44.9063, 24.9892, 14.2610 looks on a white background.

Color Contrast Check

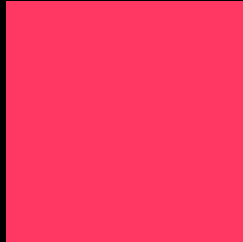
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.9063, 24.9892, 14.2610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

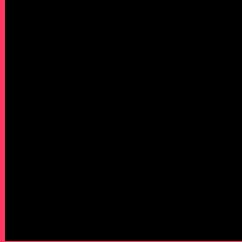
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.9063, 24.9892, 14.2610

Background



This preview shows how black text looks on a background with the XYZ color 44.9063, 24.9892, 14.2610.

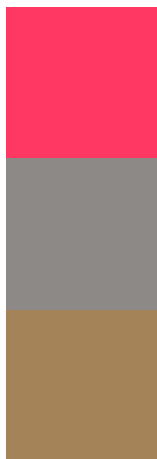


This preview shows how white text looks on a background with the XYZ color 44.9063, 24.9892,

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

44.9063, 24.9892, 14.2610

Protanopia

24.1341, 25.2160, 26.5169

Deuteranopia

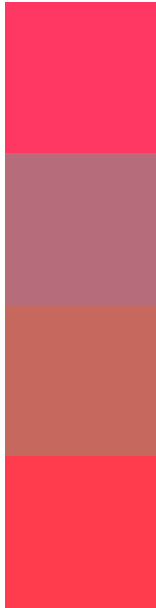
25.4365, 24.9532, 12.9270



Tritanopia

43.6047, 25.0075, 7.5297

Trichromacy



Original Color

44.9063, 24.9892, 14.2610

Protanomaly

28.1668, 22.0753, 21.1888

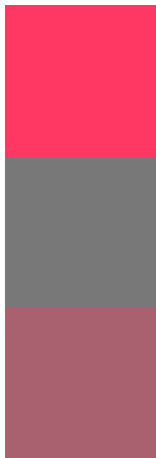
Deuteranomaly

30.2148, 22.6967, 13.1443

Tritanomaly

43.8285, 24.8384, 9.5054

Monochromacy



Original Color

44.9063, 24.9892, 14.2610

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

23.5615, 18.1543, 17.5915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9063, 24.9892, 14.2610 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(255, 56, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 99)  
}
```

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(255, 56, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 99) }
```

Border

The CSS property to change the border of an element to XYZ 44.9063, 24.9892, 14.2610 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(255, 56, 99) }
```


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

```
.border{ border-color:rgb(255, 56, 99) }
```

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

Here you see how a box with a 4 pixel rgb(255, 56, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9063, 24.9892, 14.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 99) }
```

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

```
.background{ background-color: rgb(255, 56,  
99) }
```

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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