

Converting Colors

XYZ(44.9397, 26.3506, 13.7550)

Have a look what the booklet for
XYZ(44.9397, 26.3506, 13.7550)
contains.

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Color

**XYZ(44.9367, 26.3619,
13.7863)**

Conversions

Conversions Part 1

Format	Color
Hex	FD4860
RGB	253, 72, 96
RGB Percent	99%, 28%, 38%
CMY	0.0078, 0.7176, 0.6235
CMYK	0.00, 0.72, 0.62, 0.01
HSL	352°, 98%, 64%
HSV	352°, 72%, 99%
XYZ	44.9367, 26.3619, 13.7863
YIQ	128.8550, 100.1720, 45.8360

Conversions

Conversions Part 2

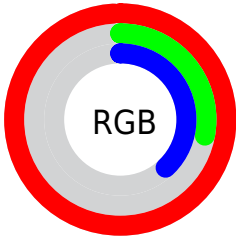
Format	Color
RYB	253, 72, 96
Decimal	16599136
CIELab	58.38, 68.92, 27.81
CIELCh	58, 74.316, 21.976
Yxy	26.3619, 0.5281, 0.3098
Android (android.graphics.Color)	4294789216 (0xFFFD4860)
YUV	128.8550, -16.1975, 108.8752
Hunter-Lab	51.3438, 66.3735, 20.0208

Details

The XYZ color **44.9367, 26.3619, 13.7863** 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 **51.9429, 77.2861, 86.3170**, and the grayscale version is **20.8475, 21.9332, 23.8853**.

A 20% lighter version of the original color is **54.6796, 39.8379, 32.0017**, and **21.5620, 11.0491, 4.0139** is the 20% darker color. If you saturate the color by 10%, you get **42.7507, 23.3878, 8.7492**, and if you desaturate by 10%, it is **48.0783, 30.7966, 20.5335**.

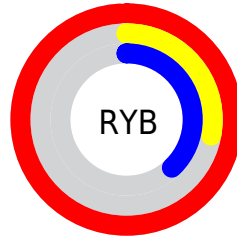
Distribution



Red (99%)

Green (28%)

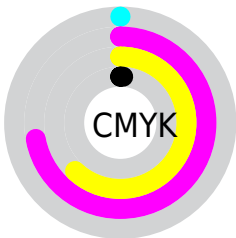
Blue (38%)



Red (99%)

Yellow (28%)

Blue (38%)

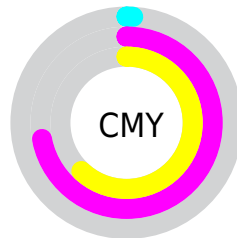


Cyan (0%)

Magenta (72%)

Yellow (62%)

Black (1%)



Cyan (1%)


Magenta (72%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9367, 26.3619, 13.7863 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 44.9367, 26.3619, 13.7863 by changing the saturation by 10% instead.


 44.9367, 26.3619,
13.7863


 44.9367, 26.3619,
13.7863


357.3051,
284.5541, 227.2793


 31.6086, 17.0946,
7.8351


 81.8631, 53.8582,
33.4210

 21.2168, 10.3019,
3.9034


 106.1921, 72.8560,
47.9416


 13.3960, 5.5996,
1.5725


 134.9188, 95.8660,
66.1559

 7.7806, 2.6032,
0.2711

 168.4085,
123.2727, 88.4822

 4.0055, 0.9283,
0.0000

 207.0267,
155.4605, 115.3391

 1.7053, 0.0000,
0.0000

251.1386,

 0.4596, 0.0000,

192.8137, 147.1453

0.0000

301.1096,
235.7168, 184.3192

■ 0.0000, 0.0000,
0.0000

■ 44.9367, 26.3619,
13.7863

■ 44.9367, 26.3619,
13.7863

■ 42.7507, 23.3878,
8.7492

■ 48.0783, 30.7966,
20.5335

■ 41.4059, 21.6831,
5.2644

■ 52.2686, 36.8428,
29.1265

■ 40.7898, 20.9953,
3.3809

■ 57.5914, 44.6379,
39.6888

■ 64.1216, 54.3030,
52.3326

■ 71.9275, 65.9486,
67.1617

81.0723, 79.6767,
84.2728

91.6151, 95.5821,
103.7570

94.3178, 99.6225,
108.8657

Harmonies

Analogous

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



46.5732, 26.3619, 36.2478



44.9367, 26.3619, 13.7863



37.3949, 26.3619, 4.6080

Triad

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



44.9367, 26.3619, 13.7863



13.6840, 26.3619, 7.6319



22.7019, 26.3619, 111.8958

Complementary

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



44.9367, 26.3619, 13.7863



51.9429, 77.2861, 86.3170

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.



15.7826, 26.3619, 88.6906



44.9367, 26.3619, 13.7863



11.4598, 26.3619, 22.2864

Square

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



44.9367, 26.3619, 13.7863



19.0849, 26.3619, 2.8415



12.1224, 26.3619, 51.7206



32.1587, 26.3619, 104.3032

Rectangle

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



44.9367, 26.3619, 13.7863



30.8434, 26.3619, 2.5970



12.1224, 26.3619, 51.7206



20.0423, 26.3619, 107.1103

Sweetspot

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



44.9373, 26.3634, 13.7867



73.6844, 67.8245, 69.2362



52.3186, 28.3645, 95.6454



15.2688, 13.7652, 13.8707



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.



44.9373, 26.3634, 13.7867



42.8092, 22.8826, 7.1261



50.8202, 39.6352, 11.1049



18.1074, 18.0263, 19.1825



21.7280, 11.1805, 1.9524



2.1444, 1.1001, 0.3420

Inverse Universe

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



44.9373, 26.3634, 13.7867



42.8092, 22.8826, 7.1261



38.0965, 43.8571, 99.3854



18.1074, 18.0263, 19.1825



21.7280, 11.1805, 1.9524



2.1444, 1.1001, 0.3420

Previews

White Background



This preview shows how the XYZ color 44.9367, 26.3619, 13.7863 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 44.9367, 26.3619, 13.7863 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 44.9367, 26.3619, 13.7863

Background



This preview shows how black text looks on a background with the XYZ color 44.9367, 26.3619, 13.7863.



This preview shows how white text looks on a background with the XYZ color 44.9367, 26.3619,

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

44.9367, 26.3619, 13.7863

Protanopia

25.1124, 26.4399, 23.1819

Deuteranopia

26.8230, 26.2844, 12.6765



Tritanopia

44.0722, 26.2921, 10.1492

Trichromacy



Original Color

44.9367, 26.3619, 13.7863

Protanomaly

29.4177, 23.9155, 18.9853

Deuteranomaly

31.3493, 24.3864, 12.7276

Tritanomaly

44.2334, 26.2489, 11.3295

Monochromacy



Original Color

44.9367, 26.3619, 13.7863

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

26.0290, 21.0081, 19.5127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9367, 26.3619, 13.7863 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(253, 72, 96)` looks like.

```
.text, #text, p{  
    color:rgb(253, 72, 96)  
}
```

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(253, 72, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 72, 96) }
```

Border

The CSS property to change the border of an element to XYZ 44.9367, 26.3619, 13.7863 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(253, 72, 96) }
```


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

```
.border{ border-color:rgb(253, 72, 96) }
```

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

Here you see how a box with a 4 pixel rgb(253, 72, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 72, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 72, 96);  
box-shadow:4px 4px 4px 4px rgb(253, 72,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9367, 26.3619, 13.7863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 72, 96) }
```

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

```
.background{ background-color: rgb(253, 72,  
96) }
```

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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