

Converting Colors

XYZ(56.5290, 30.5783, 13.9198)

Have a look what the booklet for
XYZ(56.5290, 30.5783, 13.9198)
contains.

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Color

**XYZ(44.4919, 24.3857,
13.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3260
RGB	255, 50, 96
RGB Percent	100%, 20%, 38%
CMY	0.0000, 0.8039, 0.6235
CMYK	0.00, 0.80, 0.62, 0.00
HSL	347°, 100%, 60%
HSV	347°, 80%, 100%
XYZ	44.4919, 24.3857, 13.4283
YIQ	116.5390, 107.4140, 57.7660

Conversions

Conversions Part 2

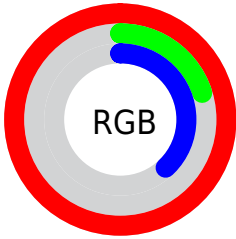
Format	Color
R_{YB}	255, 50, 96
Decimal	16724576
CIE _{Lab}	56.47, 75.85, 25.40
CIE _{LCh}	56, 79.987, 18.515
Yxy	24.3857, 0.5406, 0.2963
Android (android.graphics.Color)	4294914656 (0xFFFF3260)
YUV	116.5390, -10.1257, 121.4303
Hunter-Lab	49.3819, 74.4060, 18.4447

Details

The XYZ color **44.4919, 24.3857, 13.4283** 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 **48.5868, 76.8024, 72.5961**, and the grayscale version is **16.7756, 17.6492, 19.2200**.

A 20% lighter version of the original color is **52.7896, 36.0579, 31.3717**, and **21.8109, 11.1774, 4.0255** is the 20% darker color. If you saturate the color by 10%, you get **42.8894, 22.4596, 8.9524**, and if you desaturate by 10%, it is **46.9307, 27.6184, 19.3134**.

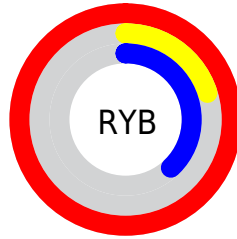
Distribution



Red (100%)

Green (20%)

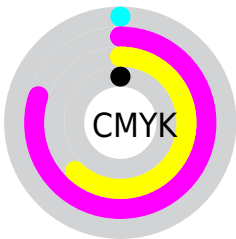
Blue (38%)



Red (100%)

Yellow (20%)

Blue (38%)

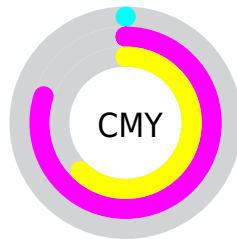


Cyan (0%)

Magenta (80%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4919, 24.3857, 13.4283 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 44.4919, 24.3857, 13.4283 by changing the saturation by 10% instead.

 44.4919, 24.3857,
13.4283


 44.4919, 24.3857,
13.4283


355.5302,
274.7647, 224.9480


 31.2570, 15.6200,
7.5899


 81.1992, 50.6589,
32.7735

 20.9474, 9.2556,
3.7497


 105.4023, 68.9351,
47.1175


 13.1978, 4.9083,
1.4891


 133.9921, 91.1503,
65.1337

 7.6428, 2.1936,
0.2098

 167.3341,
117.6889, 87.2408

 3.9171, 0.7165,
0.0000

 205.7935,
148.9352, 113.8572

 1.6554, 0.0000,
0.0000

249.7358,

 0.4281, 0.0000,

185.2737, 145.4015

0.0000

299.5262,
227.0887, 182.2923

■ 0.0000, 0.0000,
0.0000

■ 44.4919, 24.3857,
13.4283

■ 44.4919, 24.3857,
13.4283

■ 42.8894, 22.4596,
8.9524

■ 46.9307, 27.6184,
19.3134

■ 41.9833, 21.5573,
5.8457

■ 50.3079, 32.3358,
26.7188

■ 54.7120, 38.6924,
35.7448

■ 60.2205, 46.8220,
46.4824

■ 66.9033, 56.8446,
59.0158

■ 74.8243, 68.8699,
73.4232

■ 84.0430, 82.9988,
89.7783

94.6147, 99.3257,
108.1508

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.



45.3703, 24.3857, 38.0542



44.4919, 24.3857, 13.4283



37.0857, 24.3857, 3.7432

Triad

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



44.4919, 24.3857, 13.4283



12.2349, 24.3857, 5.0729



19.8104, 24.3857, 114.4237

Complementary

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



44.4919, 24.3857, 13.4283



48.5868, 76.8024, 72.5961

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.



13.2711, 24.3857, 85.9964



44.4919, 24.3857, 13.4283



9.7419, 24.3857, 17.6379

Square

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



44.4919, 24.3857, 13.4283



17.9714, 24.3857, 1.6116



10.0624, 24.3857, 46.2583



29.3038, 24.3857, 110.1919

Rectangle

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



44.4919, 24.3857, 13.4283



30.3297, 24.3857, 1.7553



10.0624, 24.3857, 46.2583



17.2492, 24.3857, 107.8735

Sweetspot

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



44.4925, 24.3872, 13.4287



71.8146, 64.2855, 67.9943



44.9710, 22.7927, 96.6364



14.7712, 12.8491, 13.4608



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.



44.4925, 24.3872, 13.4287



42.3082, 21.8644, 7.0089



46.8349, 31.5284, 6.6368



18.1762, 18.0538, 19.5451



21.9830, 11.2825, 3.2952



2.1795, 1.1142, 0.5264

Inverse Universe

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



44.4925, 24.3872, 13.4287



42.3082, 21.8644, 7.0089



40.0987, 49.3637, 102.0219



18.1762, 18.0538, 19.5451



21.9830, 11.2825, 3.2952



2.1795, 1.1142, 0.5264

Previews

White Background



This preview shows how the XYZ color 44.4919, 24.3857, 13.4283 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 44.4919, 24.3857, 13.4283 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 44.4919, 24.3857, 13.4283

Background



This preview shows how black text looks on a background with the XYZ color 44.4919, 24.3857, 13.4283.



This preview shows how white text looks on a background with the XYZ color 44.4919, 24.3857,

13.4283.

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

44.4919, 24.3857, 13.4283

Protanopia

23.5451, 24.5104, 25.6803

Deuteranopia

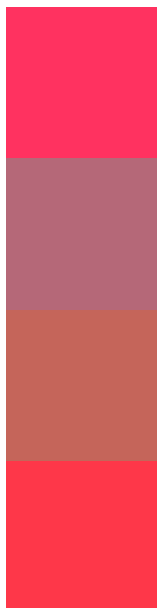
24.9722, 24.5297, 12.2226



Tritanopia

43.2017, 24.4232, 6.7121

Trichromacy



Original Color

44.4919, 24.3857, 13.4283

Protanomaly

27.3965, 21.0805, 20.3943

Deuteranomaly

29.5251, 21.9159, 12.3469

Tritanomaly

43.4418, 24.2842, 8.7010

Monochromacy



Original Color

44.4919, 24.3857, 13.4283

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

22.6110, 17.1483, 16.5862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4919, 24.3857, 13.4283 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, 50, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 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(255, 50, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 96) }
```

Border

The CSS property to change the border of an element to XYZ 44.4919, 24.3857, 13.4283 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, 50, 96) }
```


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

```
.border{ border-color:rgb(255, 50, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 50, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 50,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4919, 24.3857, 13.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 96) }
```

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

```
.background{ background-color: rgb(255, 50,  
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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