

Converting Colors

XYZ(44.6144, 24.6875, 13.2936)

Have a look what the booklet for
XYZ(44.6144, 24.6875, 13.2936)
contains.

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Color

**XYZ(44.6247, 24.7246,
13.2468)**

Conversions

Conversions Part 1

Format	Color
Hex	FF365F
RGB	255, 54, 95
RGB Percent	100%, 21%, 37%
CMY	0.0000, 0.7882, 0.6274
CMYK	0.00, 0.79, 0.63, 0.00
HSL	348°, 100%, 61%
HSV	348°, 79%, 100%
XYZ	44.6247, 24.7246, 13.2468
YIQ	118.7730, 106.6350, 55.3630

Conversions

Conversions Part 2

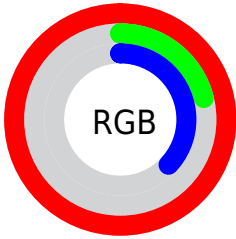
Format	Color
R_{YB}	255, 54, 95
Decimal	16725599
CIE _{Lab}	56.81, 74.79, 26.43
CIE _{LCh}	57, 79.323, 19.460
Yxy	24.7246, 0.5403, 0.2993
Android (android.graphics.Color)	4294915679 (0xFFFF365F)
YUV	118.7730, -11.7201, 119.4711
Hunter-Lab	49.7238, 73.1783, 19.0114

Details

The XYZ color **44.6247, 24.7246, 13.2468** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **49.4218, 77.1602, 75.9181**, and the grayscale version is **17.4776, 18.3878, 20.0243**.

A 20% lighter version of the original color is **52.9477, 36.4980, 31.0422**, and **22.0402, 11.2981, 3.9248** is the 20% darker color. If you saturate the color by 10%, you get **42.9271, 22.6190, 8.7063**, and if you desaturate by 10%, it is **47.1850, 28.1715, 19.2612**.

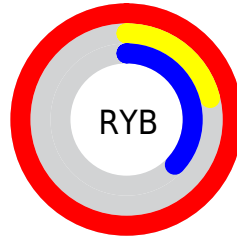
Distribution



Red (100%)

Green (21%)

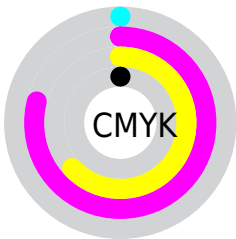
Blue (37%)



Red (100%)

Yellow (21%)

Blue (37%)

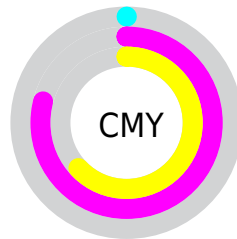


Cyan (0%)

Magenta (79%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (79%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6247, 24.7246, 13.2468 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 44.6247, 24.7246, 13.2468 by changing the saturation by 10% instead.

 44.6247, 24.7246,
13.2468


 44.6247, 24.7246,
13.2468


356.0608,
276.4636, 223.7565


 31.3619, 15.8720,
7.4660

 81.3975, 51.2101,
32.4441

 21.0278, 9.4336,
3.6724


 105.6382, 69.6118,
46.6977


 13.2569, 5.0251,
1.4474


 134.2690, 91.9652,
64.6127

 7.6839, 2.2620,
0.1783

 167.6551,
118.6549, 86.6075

 3.9434, 0.7535,
0.0000

 206.1620,
150.0652, 113.1008

 1.6702, 0.0000,
0.0000

250.1550,

 0.4375, 0.0000,

186.5805, 144.5110

0.0000

299.9995,
228.5852, 181.2567

■ 0.0000, 0.0000,
0.0000

■ 44.6247, 24.7246,
13.2468

■ 44.6247, 24.7246,
13.2468

■ 42.9271, 22.6190,
8.7063

■ 47.1850, 28.1715,
19.2612

■ 41.9478, 21.5955,
5.4969

■ 50.7087, 33.1329,
26.8667

■ 41.8595, 21.5078,
5.1937

■ 55.2837, 39.7601,
36.1692

■ 60.9875, 48.1852,
47.2650

■ 67.8900, 58.5268,
60.2428

■ 76.0553, 70.8934,
75.1856

■ 85.5431, 85.3851,
92.1710

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



45.7337, 24.7246, 37.3773



44.6247, 24.7246, 13.2468



37.0899, 24.7246, 3.7803

Triad

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



44.6247, 24.7246, 13.2468



12.3924, 24.7246, 5.5083



20.3886, 24.7246, 114.7215

Complementary

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



44.6247, 24.7246, 13.2468



49.4218, 77.1602, 75.9181

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.



13.7160, 24.7246, 87.3121



44.6247, 24.7246, 13.2468



9.9736, 24.7246, 18.6228

Square

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



44.6247, 24.7246, 13.2468



18.0492, 24.7246, 1.7775



10.3841, 24.7246, 47.7536



29.9506, 24.7246, 109.4062

Rectangle

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



44.6247, 24.7246, 13.2468



30.3233, 24.7246, 1.8318



10.3841, 24.7246, 47.7536



17.7857, 24.7246, 108.5702

Sweetspot

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



44.6253, 24.7261, 13.2472



71.6619, 64.2244, 67.1902



46.3639, 23.7759, 96.7526



14.7353, 12.8348, 13.2720



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.



44.6253, 24.7261, 13.2472



42.2543, 21.8909, 6.5770



47.5863, 32.8871, 7.3320



18.1608, 18.0476, 19.4640



21.9150, 11.2553, 2.9367



2.1708, 1.1107, 0.4807

Inverse Universe

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



44.6253, 24.7261, 13.2472



42.2543, 21.8909, 6.5770



39.7787, 48.4178, 101.8561



18.1608, 18.0476, 19.4640



21.9150, 11.2553, 2.9367



2.1708, 1.1107, 0.4807

Previews

White Background



This preview shows how the XYZ color 44.6247, 24.7246, 13.2468 looks on a white background.

Color Contrast Check

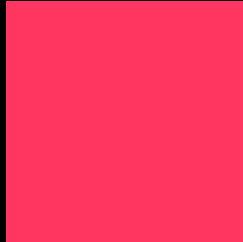
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.6247, 24.7246, 13.2468 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 44.6247, 24.7246, 13.2468

Background



This preview shows how black text looks on a background with the XYZ color 44.6247, 24.7246, 13.2468.



This preview shows how white text looks on a background with the XYZ color 44.6247, 24.7246,

13.2468.

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

44.6247, 24.7246, 13.2468

Protanopia

23.8179, 24.8827, 24.6666

Deuteranopia

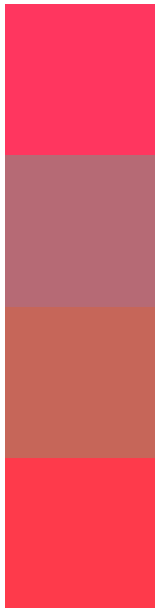
25.1394, 24.6205, 12.0216



Tritanopia

43.4390, 24.7672, 7.1937

Trichromacy



Original Color

44.6247, 24.7246, 13.2468

Protanomaly

27.6563, 21.5375, 19.5291

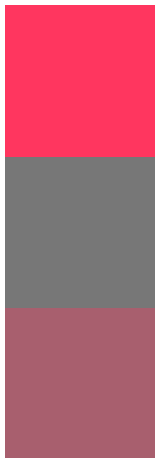
Deuteranomaly

29.8432, 22.2298, 12.1691

Tritanomaly

43.6561, 24.6049, 9.1049

Monochromacy



Original Color

44.6247, 24.7246, 13.2468

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

23.0551, 17.6350, 16.9406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6247, 24.7246, 13.2468 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, 54, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 95)  
}
```

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, 54, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 95) }
```

Border

The CSS property to change the border of an element to XYZ 44.6247, 24.7246, 13.2468 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, 54, 95) }
```


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

```
.border{ border-color:rgb(255, 54, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 54, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6247, 24.7246, 13.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 95) }
```

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

```
.background{ background-color: rgb(255, 54,  
95) }
```

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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