

Converting Colors

XYZ(43.6334, 23.0856, 13.6018)

Have a look what the booklet for
XYZ(43.6334, 23.0856, 13.6018)
contains.

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Color

**XYZ(43.6497, 23.0967,
13.7128)**

Conversions

Conversions Part 1

Format	Color
Hex	FE2262
RGB	254, 34, 98
RGB Percent	100%, 13%, 38%
CMY	0.0039, 0.8666, 0.6157
CMYK	0.00, 0.87, 0.61, 0.00
HSL	343°, 99%, 56%
HSV	343°, 87%, 100%
XYZ	43.6497, 23.0967, 13.7128
YIQ	107.0760, 110.5760, 66.5440

Conversions

Conversions Part 2

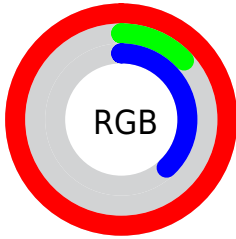
Format	Color
R_{YB}	254, 34, 98
Decimal	16654946
CIE _{Lab}	55.17, 78.99, 22.46
CIE _{LCh}	55, 82.117, 15.873
Yxy	23.0967, 0.5425, 0.2871
Android (android.graphics.Color)	4294845026 (0xFFFE2262)
YUV	107.0760, -4.4745, 128.8523
Hunter-Lab	48.0590, 78.0197, 16.7240

Details

The XYZ color **43.6497, 23.0967, 13.7128** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **45.3991, 74.9426, 60.8019**, and the grayscale version is **13.9902, 14.7188, 16.0287**.

A 20% lighter version of the original color is **51.9479, 34.1232, 31.8655**, and **21.6061, 11.0668, 4.2461** is the 20% darker color. If you saturate the color by 10%, you get **42.4140, 21.8370, 9.5665**, and if you desaturate by 10%, it is **45.6120, 25.5039, 19.0458**.

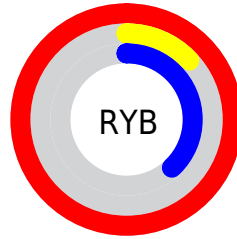
Distribution



Red (100%)

Green (13%)

Blue (38%)



Red (100%)

Yellow (13%)

Blue (38%)

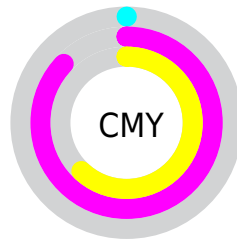


Cyan (0%)

Magenta (87%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (87%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6497, 23.0967, 13.7128 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 43.6497, 23.0967, 13.7128 by changing the saturation by 10% instead.


 43.6497, 23.0967,
13.7128


 43.6497, 23.0967,
13.7128


352.1533,
268.2213, 226.8027


 30.5919, 14.6649,
7.7847


 79.9400, 48.5521,
33.2883

 20.4386, 8.5846,
3.8717


 103.9032, 66.3444,
47.7728


 12.8244, 4.4712,
1.5552


 132.2323, 88.0258,
65.9466

 7.3839, 1.9405,
0.2586

 165.2926,
113.9805, 88.2281

 3.7518, 0.5726,
0.0000

 203.4495,
144.5931, 115.0359

 1.5627, 0.0000,
0.0000

247.0684,

 0.3679, 0.0000,

180.2478, 146.7886

0.0000

296.5145,
221.3290, 183.9047

■ 0.0000, 0.0000,
0.0000

■ 43.6497, 23.0967,
13.7128

■ 43.6497, 23.0967,
13.7128

■ 42.4140, 21.8370,
9.5665

■ 45.6120, 25.5039,
19.0458

■ 42.1045, 21.5634,
8.3987

■ 48.4126, 29.2623,
25.6604

■ 52.1439, 34.5396,
33.6411

■ 56.8850, 41.4780,
43.0639

■ 62.7063, 50.2030,
53.9988

■ 69.6716, 60.8280,
66.5110

■ 77.8396, 73.4571,
80.6616

■ 87.2649, 88.1866,
96.5084

■ 94.6829, 99.8107,
108.8828

Harmonies

Analogous

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



43.8700, 23.0967, 39.5928



43.6497, 23.0967, 13.7128



36.6563, 23.0967, 3.5290

Triad

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



43.6497, 23.0967, 13.7128



11.5744, 23.0967, 3.8311



17.9251, 23.0967, 112.7551

Complementary

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



43.6497, 23.0967, 13.7128



45.3991, 74.9426, 60.8019

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.



11.8242, 23.0967, 81.5832



43.6497, 23.0967, 13.7128



8.9109, 23.0967, 14.7291

Square

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



43.6497, 23.0967, 13.7128



17.4755, 23.0967, 1.1378



8.9873, 23.0967, 41.6389



27.1360, 23.0967, 111.6755

Rectangle

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



43.6497, 23.0967, 13.7128



29.9757, 23.0967, 1.4834



8.9873, 23.0967, 41.6389



15.5066, 23.0967, 105.0949

Sweetspot

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



43.6503, 23.0981, 13.7131



70.7561, 62.0794, 67.9162



39.2029, 18.9935, 95.3654



14.5894, 12.4357, 13.5539



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.



43.6503, 23.0981, 13.7131



42.4815, 21.7566, 8.4675



43.8878, 26.6381, 4.3438



18.2266, 18.0740, 19.8106



22.2534, 11.3906, 4.7187



2.2118, 1.1271, 0.6967

Inverse Universe

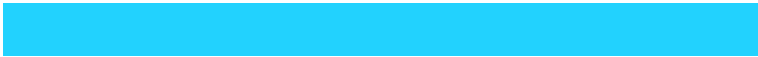
The Inverse Universe completely reimagines the original color for something new.



43.6503, 23.0981, 13.7131



42.4815, 21.7566, 8.4675



41.5976, 53.5918, 101.9173



18.2266, 18.0740, 19.8106



22.2534, 11.3906, 4.7187



2.2118, 1.1271, 0.6967

Previews

White Background



This preview shows how the XYZ color 43.6497, 23.0967, 13.7128 looks on a white background.

Color Contrast Check

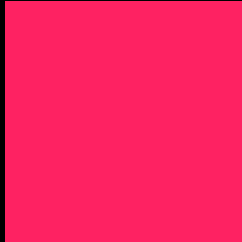
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.6497, 23.0967, 13.7128 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 43.6497, 23.0967, 13.7128

Background



This preview shows how black text looks on a background with the XYZ color 43.6497, 23.0967, 13.7128.



This preview shows how white text looks on a background with the XYZ color 43.6497, 23.0967,

13.7128.

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

43.6497, 23.0967, 13.7128

Protanopia

22.5843, 23.3532, 27.7434

Deuteranopia

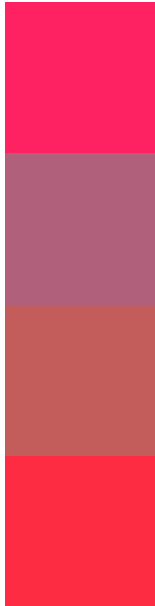
23.6077, 23.2378, 12.2579



Tritanopia

41.7767, 23.1055, 5.0542

Trichromacy



Original Color

43.6497, 23.0967, 13.7128

Protanomaly

25.9524, 19.1681, 21.4008

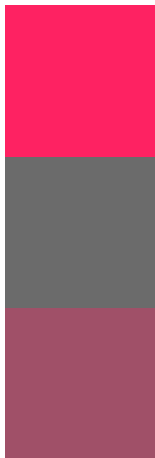
Deuteranomaly

28.0508, 20.0534, 12.2898

Tritanomaly

42.3921, 23.0774, 7.3743

Monochromacy



Original Color

43.6497, 23.0967, 13.7128

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

19.8646, 14.2104, 14.7926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6497, 23.0967, 13.7128 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(254, 34, 98)` looks like.

```
.text, #text, p{  
    color:rgb(254, 34, 98)  
}
```

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(254, 34, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 34, 98) }
```

Border

The CSS property to change the border of an element to XYZ 43.6497, 23.0967, 13.7128 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(254, 34, 98) }
```


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

```
.border{ border-color:rgb(254, 34, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 34, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 34, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 34, 98);  
box-shadow:4px 4px 4px 4px rgb(254, 34,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6497, 23.0967, 13.7128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 34, 98) }
```

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

```
.background{ background-color: rgb(254, 34,  
98) }
```

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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