

Converting Colors

XYZ(43.8782, 23.9182, 10.8813)

Have a look what the booklet for
XYZ(43.8782, 23.9182, 10.8813)
contains.

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Color

**XYZ(43.8962, 23.9489,
10.9033)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2F55
RGB	255, 47, 85
RGB Percent	100%, 18%, 33%
CMY	0.0000, 0.8156, 0.6667
CMYK	0.00, 0.82, 0.67, 0.00
HSL	349°, 100%, 59%
HSV	349°, 82%, 100%
XYZ	43.8962, 23.9489, 10.9033
YIQ	113.5240, 111.7700, 55.9140

Conversions

Conversions Part 2

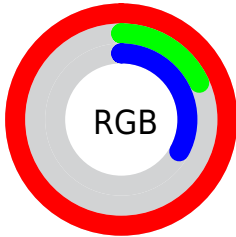
Format	Color
R _Y B	255, 47, 85
Decimal	16723797
CIE Lab	56.04, 75.98, 31.33
CIE LCh	56, 82.187, 22.406
Yxy	23.9489, 0.5574, 0.3041
Android (android.graphics.Color)	4294913877 (0xFFFF2F55)
YUV	113.5240, -14.0623, 124.0745
Hunter-Lab	48.9376, 74.4706, 21.0465

Details

The XYZ color **43.8962, 23.9489, 10.9033** 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 **49.4598, 77.1351, 77.9402**, and the grayscale version is **15.8718, 16.6984, 18.1845**.

A 20% lighter version of the original color is **51.6738, 35.2427, 26.6333**, and **21.6354, 11.1072, 3.1014** is the 20% darker color. If you saturate the color by 10%, you get **42.4475, 22.1875, 6.9193**, and if you desaturate by 10%, it is **46.1842, 26.9994, 16.3703**.

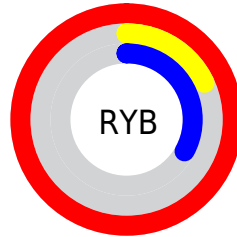
Distribution



Red (100%)

Green (18%)

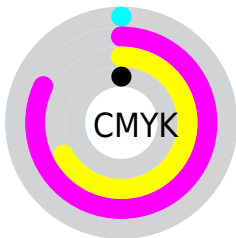
Blue (33%)



Red (100%)

Yellow (18%)

Blue (33%)

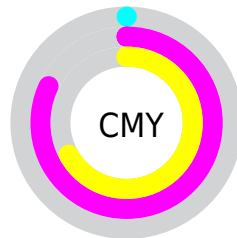


Cyan (0%)

Magenta (82%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8962, 23.9489, 10.9033 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 43.8962, 23.9489, 10.9033 by changing the saturation by 10% instead.


 43.8962, 23.9489,
10.9033


 43.8962, 23.9489,
10.9033


353.1439,
272.5620, 207.7165

 30.7865, 15.2957,
5.8885


 80.3088, 49.9468,
28.1151

 20.5873, 9.0272,
2.7097


 104.3425, 68.0603,
41.1492


 12.9334, 4.7589,
0.9483


 132.7481, 90.0960,
57.6935

 7.4594, 2.1065,
0.0000

 165.8911,
116.4384, 78.1665

 3.7999, 0.6683,
0.0000

 204.1368,
147.4718, 102.9868

 1.5896, 0.0000,
0.0000

247.8506,

 0.3856, 0.0000,

183.5806, 132.5728

0.0000

297.3979,
225.1492, 167.3432

■ 0.0000, 0.0000,
0.0000

■ 43.8962, 23.9489,
10.9033

■ 43.8962, 23.9489,
10.9033

■ 42.4475, 22.1875,
6.9193

■ 46.1842, 26.9994,
16.3703

■ 41.7441, 21.4616,
4.5861

■ 49.4196, 31.5230,
23.4516

■ 53.6955, 37.6783,
32.2649

■ 59.0930, 45.6020,
42.9158

■ 65.6851, 55.4166,
55.5018

73.5388, 67.2335,
70.1131

82.7156, 81.1555,
86.8343

93.2734, 97.2784,
105.7451

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



45.7913, 23.9489, 33.5333



43.8962, 23.9489, 10.9033



35.6663, 23.9489, 2.8067

Triad

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



43.8962, 23.9489, 10.9033



11.2345, 23.9489, 5.5290



20.4565, 23.9489, 118.4037

Complementary

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



43.8962, 23.9489, 10.9033



49.4598, 77.1351, 77.9402

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.



13.4204, 23.9489, 92.3577



43.8962, 23.9489, 10.9033



9.1357, 23.9489, 19.8158

Square

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



43.8962, 23.9489, 10.9033



16.5448, 23.9489, 1.5258



9.8077, 23.9489, 51.2027



30.3708, 23.9489, 109.1832

Rectangle

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



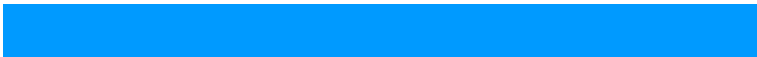
43.8962, 23.9489, 10.9033



28.6752, 23.9489, 1.3126



9.8077, 23.9489, 51.2027



17.7245, 23.9489, 113.0901

Sweetspot

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



43.8968, 23.9504, 10.9037



71.5039, 64.1612, 66.3582



47.6438, 23.9863, 96.7259



14.6983, 12.8200, 13.0770



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.



43.8968, 23.9504, 10.9037



41.8871, 21.6074, 5.0645



47.6450, 33.2487, 6.5979



18.1448, 18.0412, 19.3798



21.8511, 11.2297, 2.6002



2.1623, 1.1073, 0.4362

Inverse Universe

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



43.8968, 23.9504, 10.9037



41.8871, 21.6074, 5.0645



37.4506, 44.2798, 101.1802



18.1448, 18.0412, 19.3798



21.8511, 11.2297, 2.6002



2.1623, 1.1073, 0.4362

Previews

White Background



This preview shows how the XYZ color 43.8962, 23.9489, 10.9033 looks on a white background.

Color Contrast Check

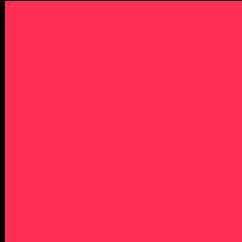
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8962, 23.9489, 10.9033 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 43.8962, 23.9489, 10.9033

Background



This preview shows how black text looks on a background with the XYZ color 43.8962, 23.9489, 10.9033.



This preview shows how white text looks on a background with the XYZ color 43.8962, 23.9489,

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

43.8962, 23.9489, 10.9033

Protanopia

22.8394, 24.0448, 20.8901

Deuteranopia

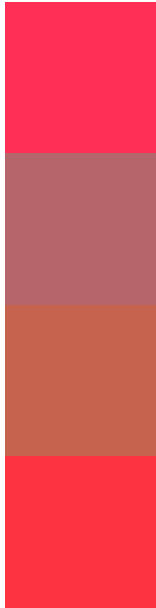
24.4723, 23.9321, 9.8081



Tritanopia

42.8581, 23.9755, 5.8589

Trichromacy



Original Color

43.8962, 23.9489, 10.9033

Protanomaly

26.6966, 20.5094, 16.4616

Deuteranomaly

29.1257, 21.4795, 9.8186

Tritanomaly

43.0110, 23.8201, 7.3318

Monochromacy



Original Color

43.8962, 23.9489, 10.9033

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

21.6214, 16.2909, 14.8369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8962, 23.9489, 10.9033 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, 47, 85)` looks like.

```
.text, #text, p{  
  color:rgb(255, 47, 85)  
}
```

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, 47, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 47, 85) }
```

Border

The CSS property to change the border of an element to XYZ 43.8962, 23.9489, 10.9033 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, 47, 85) }
```


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

```
.border{ border-color:rgb(255, 47, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 47, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 47, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 47, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 47,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8962, 23.9489, 10.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 47, 85) }
```

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

```
.background{ background-color: rgb(255, 47,  
85) }
```

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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