

Converting Colors

XYZ(43.7892, 23.4286, 11.8119)

Have a look what the booklet for
XYZ(43.7892, 23.4286, 11.8119)
contains.

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Color

**XYZ(43.8110, 23.4492,
11.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	FF275A
RGB	255, 39, 90
RGB Percent	100%, 15%, 35%
CMY	0.0000, 0.8470, 0.6471
CMYK	0.00, 0.85, 0.65, 0.00
HSL	346°, 100%, 58%
HSV	346°, 85%, 100%
XYZ	43.8110, 23.4492, 11.8899
YIQ	109.3980, 112.3650, 61.6530

Conversions

Conversions Part 2

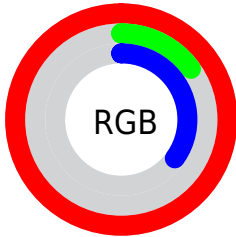
Format	Color
R_{YB}	255, 39, 90
Decimal	16721754
CIE _{Lab}	55.53, 77.91, 27.74
CIE _{LCh}	56, 82.697, 19.596
Yxy	23.4492, 0.5535, 0.2963
Android (android.graphics.Color)	4294911834 (0xFFFF275A)
YUV	109.3980, -9.5632, 127.6930
Hunter-Lab	48.4244, 76.7517, 19.3393

Details

The XYZ color **43.8110, 23.4492, 11.8899** 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 **47.4991, 76.3121, 69.3668**, and the grayscale version is **14.6560, 15.4192, 16.7915**.

A 20% lighter version of the original color is **51.5496, 34.3053, 28.7156**, and **21.7089, 11.1366, 3.4880** is the 20% darker color. If you saturate the color by 10%, you get **42.5125, 22.0101, 7.8884**, and if you desaturate by 10%, it is **45.8891, 26.1005, 17.2235**.

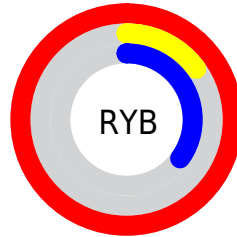
Distribution



Red (100%)

Green (15%)

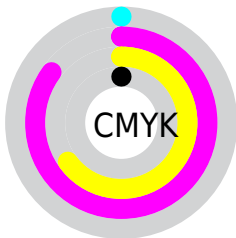
Blue (35%)



Red (100%)

Yellow (15%)

Blue (35%)

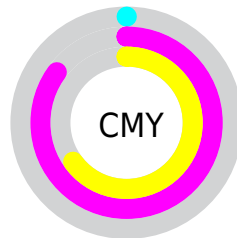


Cyan (0%)

Magenta (85%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8110, 23.4492, 11.8899 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 43.8110, 23.4492, 11.8899 by changing the saturation by 10% instead.


 43.8110, 23.4492,
11.8899


 43.8110, 23.4492,
11.8899

352.8017,
270.0239, 214.6270


 30.7192, 14.9255,
6.5471


 80.1814, 49.1299,
29.9558

 20.5359, 8.7671,
3.1064


 104.1907, 67.0557,
43.5160

 12.8957, 4.5896,
1.1492


 132.5699, 88.8843,
60.6525

 7.4333, 2.0085,
0.0000

 165.6843,
115.0002, 81.7837

 3.7832, 0.6124,
0.0000

 203.8994,
145.7877, 107.3282

 1.5803, 0.0000,
0.0000

247.5804,

 0.3795, 0.0000,

181.6312, 137.7046

0.0000

297.0927,
222.9151, 173.3313

■ 0.0000, 0.0000,
0.0000

■ 43.8110, 23.4492,
11.8899

■ 43.8110, 23.4492,
11.8899

■ 42.5125, 22.0101,
7.8884

■ 45.8891, 26.1005,
17.2235

■ 42.0604, 21.5881,
6.2512

■ 48.8579, 30.1601,
24.0022

■ 52.8108, 35.7931,
32.3268

■ 57.8289, 43.1407,
42.2882

■ 63.9844, 52.3280,
53.9699

71.3431, 63.4686,
67.4497

79.9656, 76.6667,
82.8003

89.9086, 92.0191,
100.0904

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.



44.9887, 23.4492, 35.9753



43.8110, 23.4492, 11.8899



36.0496, 23.4492, 2.9927

Triad

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



43.8110, 23.4492, 11.8899



11.2308, 23.4492, 4.6144



19.2036, 23.4492, 116.6875

Complementary

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



43.8110, 23.4492, 11.8899



47.4991, 76.3121, 69.3668

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.



12.5675, 23.4492, 88.0120



43.8110, 23.4492, 11.8899



8.8930, 23.4492, 17.3352

Square

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



43.8110, 23.4492, 11.8899



16.7978, 23.4492, 1.2756



9.3023, 23.4492, 46.9223



28.8598, 23.4492, 110.9180

Rectangle

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



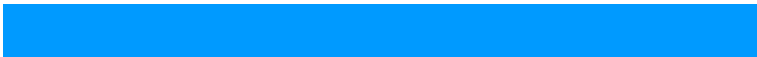
43.8110, 23.4492, 11.8899



29.1428, 23.4492, 1.3095



9.3023, 23.4492, 46.9223



16.6020, 23.4492, 110.2603

Sweetspot

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



43.8115, 23.4506, 11.8902



71.1021, 63.1014, 67.0142



42.8650, 21.0908, 96.4190



14.6380, 12.6241, 13.2895



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.



43.8115, 23.4506, 11.8902



42.0606, 21.5882, 6.2512



45.5222, 29.2382, 5.1657



18.1851, 18.0573, 19.5916



22.0252, 11.2994, 3.5170



2.1847, 1.1162, 0.5540

Inverse Universe

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



43.8115, 23.4506, 11.8902



42.0606, 21.5882, 6.2512



39.7754, 49.4275, 102.0514



18.1851, 18.0573, 19.5916



22.0252, 11.2994, 3.5170



2.1847, 1.1162, 0.5540

Previews

White Background



This preview shows how the XYZ color 43.8110, 23.4492, 11.8899 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 43.8110, 23.4492, 11.8899 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 43.8110, 23.4492, 11.8899

Background



This preview shows how black text looks on a background with the XYZ color 43.8110, 23.4492, 11.8899.

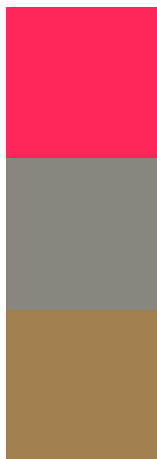


This preview shows how white text looks on a background with the XYZ color 43.8110, 23.4492,

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

43.8110, 23.4492, 11.8899

Protanopia

22.5348, 23.6257, 23.4512

Deuteranopia

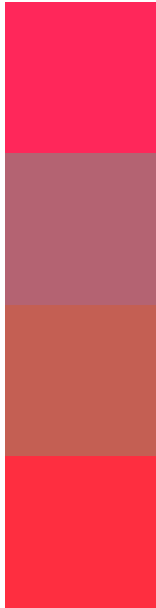
23.9009, 23.4246, 10.6588



Tritanopia

42.5680, 23.5738, 5.2123

Trichromacy



Original Color

43.8110, 23.4492, 11.8899

Protanomaly

26.3215, 19.8419, 18.3622

Deuteranomaly

28.4185, 20.5447, 10.6513

Tritanomaly

42.7755, 23.3950, 7.1117

Monochromacy



Original Color

43.8110, 23.4492, 11.8899

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

20.4689, 14.9813, 14.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8110, 23.4492, 11.8899 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, 39, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 39, 90)  
}
```

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, 39, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 39, 90) }
```

Border

The CSS property to change the border of an element to XYZ 43.8110, 23.4492, 11.8899 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, 39, 90) }
```


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

```
.border{ border-color:rgb(255, 39, 90) }
```

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

Here you see how a box with a 4 pixel rgb(255, 39, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 39, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 39, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 39,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8110, 23.4492, 11.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 39, 90) }
```

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

```
.background{ background-color: rgb(255, 39,  
90) }
```

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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