

Converting Colors

XYZ(42.2427, 23.1425, 11.4730)

Have a look what the booklet for
XYZ(42.2427, 23.1425, 11.4730)
contains.

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Color

**XYZ(42.2427, 23.1425,
11.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	FA3058
RGB	250, 48, 88
RGB Percent	98%, 19%, 35%
CMY	0.0196, 0.8117, 0.6549
CMYK	0.00, 0.81, 0.65, 0.02
HSL	348°, 95%, 58%
HSV	348°, 81%, 98%
XYZ	42.2427, 23.1425, 11.4730
YIQ	112.9580, 107.5520, 55.2640

Conversions

Conversions Part 2

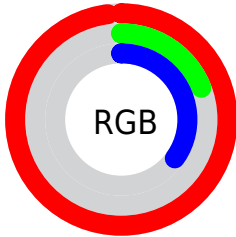
Format	Color
R_{YB}	250, 48, 88
Decimal	16396376
CIE _{Lab}	55.22, 74.59, 28.33
CIE _{LCh}	55, 79.790, 20.794
Yxy	23.1425, 0.5496, 0.3011
Android (android.graphics.Color)	4294586456 (0xFFFA3058)
YUV	112.9580, -12.3043, 120.1858
Hunter-Lab	48.1067, 72.5551, 19.5345

Details

The XYZ color **42.2427, 23.1425, 11.4730** 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 **47.0403, 73.6536, 72.7218**, and the grayscale version is **15.6991, 16.5167, 17.9867**.

A 20% lighter version of the original color is **51.9582, 35.3564, 28.1307**, and **20.4436, 10.4887, 3.2325** is the 20% darker color. If you saturate the color by 10%, you get **40.7727, 21.3541, 7.4335**, and if you desaturate by 10%, it is **44.5174, 26.1752, 16.9078**.

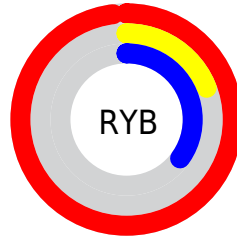
Distribution



Red (98%)

Green (19%)

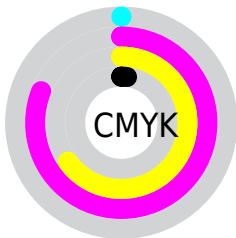
Blue (35%)



Red (98%)

Yellow (19%)

Blue (35%)

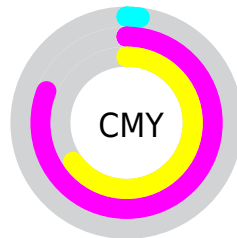


Cyan (0%)

Magenta (81%)

Yellow (65%)

Black (2%)



Cyan (2%)


Magenta (81%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2427, 23.1425, 11.4730 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 42.2427, 23.1425, 11.4730 by changing the saturation by 10% instead.


 42.2427, 23.1425,
11.4730


 42.2427, 23.1425,
11.4730


346.4626,
268.4561, 211.7371


 29.4833, 14.6988,
6.2678


 77.8297, 48.6272,
29.1815


 19.5929, 8.6082,
2.9372

 101.3880, 66.4370,
42.5218

 12.2060, 4.4866,
1.0626


 129.2766, 88.1375,
59.4109

 6.9573, 1.9493,
0.0000

 161.8610,
114.1133, 80.2673

 3.4815, 0.5778,
0.0000

 199.5064,
144.7486, 105.5096

 1.4132, 0.0000,
0.0000

242.5782,

 0.2656, 0.0000,

180.4279, 135.5563

0.0000

291.4418,
221.5356, 170.8259

■ 0.0000, 0.0000,
0.0000

■ 42.2427, 23.1425,
11.4730

■ 42.2427, 23.1425,
11.4730

■ 40.7727, 21.3541,
7.4335

■ 44.5174, 26.1752,
16.9078


■ 39.9887, 20.5497,
4.8187


■ 47.6966, 30.6240,
23.8547

■ 51.8669, 36.6375,
32.4190


■ 57.1039, 44.3444,
42.6958

■ 63.4760, 53.8601,
54.7727

 71.0455, 65.2898,
68.7311

 79.8702, 78.7305,
84.6475

 90.0042, 94.2729,
102.5940

 93.2340, 99.0638,
108.8150

Harmonies

Analogous

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



43.6428, 23.1425, 33.9020



42.2427, 23.1425, 11.4730



34.7169, 23.1425, 3.0837

Triad

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



42.2427, 23.1425, 11.4730



11.2027, 23.1425, 5.1556



19.3648, 23.1425, 111.4397

Complementary

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



42.2427, 23.1425, 11.4730



47.0403, 73.6536, 72.7218

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.



12.8382, 23.1425, 85.6442



42.2427, 23.1425, 11.4730



9.0378, 23.1425, 18.1284

Square

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



42.2427, 23.1425, 11.4730



16.4517, 23.1425, 1.5240



9.5423, 23.1425, 46.9694



28.6646, 23.1425, 104.6654

Rectangle

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



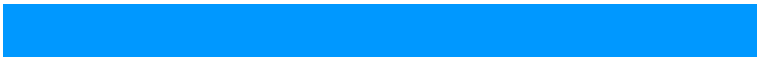
42.2427, 23.1425, 11.4730



28.1347, 23.1425, 1.4533



9.5423, 23.1425, 46.9694



16.8226, 23.1425, 105.8736

Sweetspot

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



42.2432, 23.1439, 11.4733



71.6175, 64.2067, 66.9564



44.7784, 22.6610, 92.4557



14.7249, 12.8306, 13.2172



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.



42.2432, 23.1439, 11.4733



42.0519, 21.7176, 5.7959



45.3854, 31.3923, 6.4656



17.3850, 17.2814, 18.6174



21.2514, 10.9163, 2.7664



2.0039, 1.0253, 0.4438

Inverse Universe

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



42.2432, 23.1439, 11.4733



42.0519, 21.7176, 5.7959



36.7599, 44.1007, 97.0166



17.3850, 17.2814, 18.6174



21.2514, 10.9163, 2.7664



2.0039, 1.0253, 0.4438

Previews

White Background



This preview shows how the XYZ color 42.2427, 23.1425, 11.4730 looks on a white background.

Color Contrast Check

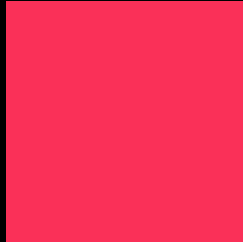
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.2427, 23.1425, 11.4730 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 42.2427, 23.1425, 11.4730

Background



This preview shows how black text looks on a background with the XYZ color 42.2427, 23.1425, 11.4730.



This preview shows how white text looks on a background with the XYZ color 42.2427, 23.1425,

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

42.2427, 23.1425, 11.4730

Protanopia

22.0806, 23.2260, 21.7317

Deuteranopia

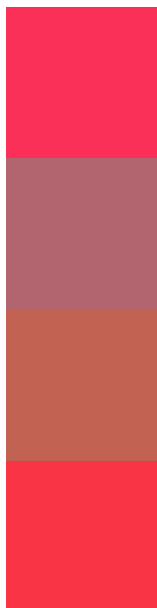
23.6625, 23.3059, 10.4591



Tritanopia

41.1469, 23.1576, 6.0426

Trichromacy



Original Color

42.2427, 23.1425, 11.4730

Protanomaly

25.8283, 19.8981, 17.2313

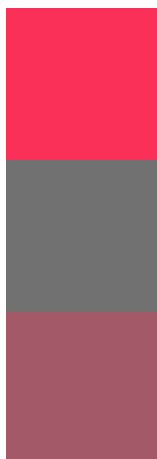
Deuteranomaly

27.8830, 20.6820, 10.5051

Tritanomaly

41.3383, 23.0131, 7.7320

Monochromacy



Original Color

42.2427, 23.1425, 11.4730

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

21.1753, 15.9308, 15.0556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2427, 23.1425, 11.4730 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(250, 48, 88)` looks like.

```
.text, #text, p{  
    color:rgb(250, 48, 88)  
}
```

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(250, 48, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 48, 88) }
```

Border

The CSS property to change the border of an element to XYZ 42.2427, 23.1425, 11.4730 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(250, 48, 88) }
```


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

```
.border{ border-color:rgb(250, 48, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 48, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 48, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 48, 88);  
box-shadow:4px 4px 4px 4px rgb(250, 48,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2427, 23.1425, 11.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 48, 88) }
```

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

```
.background{ background-color: rgb(250, 48,  
88) }
```

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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