

Converting Colors

XYZ(43.3208, 23.1934, 9.4932)

Have a look what the booklet for
XYZ(43.3208, 23.1934, 9.4932)
contains.

XYZ(43.3083, 23.1963, 9.4025)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.3083, 23.1963,
9.4025)**

Conversions

Conversions Part 1

Format	Color
Hex	FF264E
RGB	255, 38, 78
RGB Percent	100%, 15%, 31%
CMY	0.0000, 0.8509, 0.6941
CMYK	0.00, 0.85, 0.69, 0.00
HSL	349°, 100%, 57%
HSV	349°, 85%, 100%
XYZ	43.3083, 23.1963, 9.4025
YIQ	107.4430, 116.4920, 58.4440

Conversions

Conversions Part 2

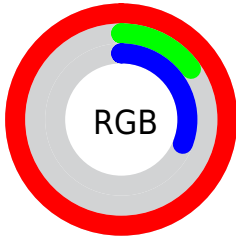
Format	Color
R_{YB}	255, 38, 78
Decimal	16721486
CIE _{Lab}	55.27, 77.54, 34.49
CIE _{LCh}	55, 84.860, 23.977
Yxy	23.1963, 0.5705, 0.3056
Android (android.graphics.Color)	4294911566 (0xFFFF264E)
YUV	107.4430, -14.5154, 129.4075
Hunter-Lab	48.1625, 76.2248, 22.1389

Details

The XYZ color **43.3083, 23.1963, 9.4025** 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 **48.8287, 76.8396, 76.5635**, and the grayscale version is **14.1179, 14.8531, 16.1750**.

A 20% lighter version of the original color is **50.6467, 33.9442, 23.9612**, and **21.5239, 11.0626, 2.5142** is the 20% darker color. If you saturate the color by 10%, you get **42.1212, 21.8331, 5.8911**, and if you desaturate by 10%, it is **45.2891, 25.7703, 14.3421**.

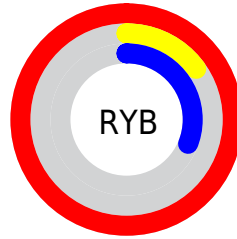
Distribution



Red (100%)

Green (15%)

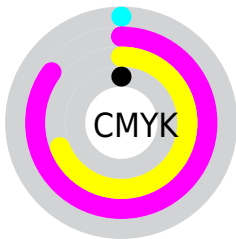
Blue (31%)



Red (100%)

Yellow (15%)

Blue (31%)

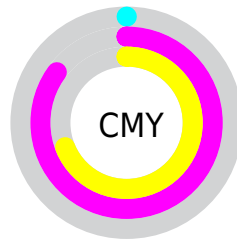


Cyan (0%)

Magenta (85%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3083, 23.1963, 9.4025 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 43.3083, 23.1963, 9.4025 by changing the saturation by 10% instead.


 43.3083, 23.1963,
9.4025


 43.3083, 23.1963,
9.4025


350.7782,
268.7316, 196.6801


 30.3227, 14.7385,
4.9043


 79.4287, 48.7155,
25.2554


 20.2329, 8.6361,
2.1334


 103.2942, 66.5456,
37.4472

 12.6737, 4.5046,
0.6356

 131.5170, 88.2687,
53.0406

 7.2797, 1.9596,
0.0000

 164.4624,
114.2691, 72.4540

 3.6855, 0.5839,
0.0000

 202.4959,
144.9312, 96.1062

 1.5258, 0.0000,
0.0000

245.9828,

 0.3433, 0.0000,

180.6394, 124.4156

0.0000

295.2885,
221.7781, 157.8007

■ 0.0000, 0.0000,
0.0000

■ 43.3083, 23.1963,
9.4025

■ 43.3083, 23.1963,
9.4025

■ 42.1212, 21.8331,
5.8911

■ 45.2891, 25.7703,
14.3421

■ 41.7525, 21.4650,
4.6300

■ 48.1803, 29.7551,
20.8475

■ 52.0800, 35.3185,
29.0404

■ 57.0727, 42.6036,
39.0295

■ 63.2341, 51.7374,
50.9145

70.6328, 62.8347,
64.7875

79.3321, 76.0013,
80.7344

89.3911, 91.3352,
98.8363

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.



45.6645, 23.1963, 31.1540



43.3083, 23.1963, 9.4025



34.6319, 23.1963, 2.1734

Triad

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



43.3083, 23.1963, 9.4025



10.3262, 23.1963, 5.2903



20.1855, 23.1963, 121.2065

Complementary

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



43.3083, 23.1963, 9.4025



48.8287, 76.8396, 76.5635

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.



12.9537, 23.1963, 95.6111



43.3083, 23.1963, 9.4025



8.4123, 23.1963, 20.1552

Square

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



43.3083, 23.1963, 9.4025



15.4251, 23.1963, 1.2694



9.2128, 23.1963, 53.0451



30.3364, 23.1963, 109.5750

Rectangle

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



43.3083, 23.1963, 9.4025



27.4844, 23.1963, 0.9604



9.2128, 23.1963, 53.0451



17.3793, 23.1963, 116.3125

Sweetspot

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



43.3088, 23.1977, 9.4028



69.9058, 61.7393, 63.4386



45.7812, 22.5461, 96.5461



14.3920, 12.3568, 12.5144



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.



43.3088, 23.1977, 9.4028



41.7527, 21.4651, 4.6300



46.4519, 31.1237, 5.3950



18.1460, 18.0417, 19.3862



21.8557, 11.2316, 2.6246



2.1629, 1.1076, 0.4395

Inverse Universe

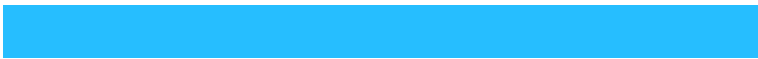
The Inverse Universe completely reimagines the original color for something new.



43.3088, 23.1977, 9.4028



41.7527, 21.4651, 4.6300



37.2434, 44.4191, 101.2180



18.1460, 18.0417, 19.3862



21.8557, 11.2316, 2.6246



2.1629, 1.1076, 0.4395

Previews

White Background



This preview shows how the XYZ color 43.3083, 23.1963, 9.4025 looks on a white background.

Color Contrast Check

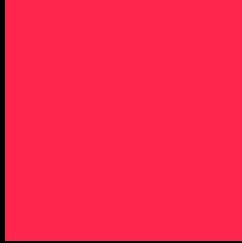
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3083, 23.1963, 9.4025 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 43.3083, 23.1963, 9.4025

Background



This preview shows how black text looks on a background with the XYZ color 43.3083, 23.1963, 9.4025.



This preview shows how white text looks on a background with the XYZ color 43.3083, 23.1963,

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

43.3083, 23.1963, 9.4025

Protanopia

21.9911, 23.2478, 18.6575

Deuteranopia

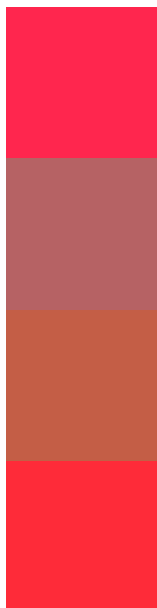
23.5485, 23.1016, 8.3722



Tritanopia

42.3237, 23.2143, 4.7327

Trichromacy



Original Color

43.3083, 23.1963, 9.4025

Protanomaly

25.9593, 19.6005, 14.4717

Deuteranomaly

27.8731, 20.1834, 8.2211

Tritanomaly

42.4754, 23.0940, 6.0898

Monochromacy



Original Color

43.3083, 23.1963, 9.4025

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

19.8266, 14.4562, 12.8117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3083, 23.1963, 9.4025 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, 38, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 78)  
}
```

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, 38, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 78) }
```

Border

The CSS property to change the border of an element to XYZ 43.3083, 23.1963, 9.4025 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, 38, 78) }
```


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

```
.border{ border-color:rgb(255, 38, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 38, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3083, 23.1963, 9.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 78) }
```

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

```
.background{ background-color: rgb(255, 38,  
78) }
```

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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