

Converting Colors

XYZ(43.2032, 23.3599, 13.5411)

Have a look what the booklet for
XYZ(43.2032, 23.3599, 13.5411)
contains.

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Color

**XYZ(43.2032, 23.3599,
13.5411)**

Conversions

Conversions Part 1

Format	Color
Hex	FC2C61
RGB	252, 44, 97
RGB Percent	99%, 17%, 38%
CMY	0.0118, 0.8274, 0.6196
CMYK	0.00, 0.83, 0.62, 0.01
HSL	345°, 97%, 58%
HSV	345°, 83%, 99%
XYZ	43.2032, 23.3599, 13.5411
YIQ	112.2340, 106.9550, 60.5790

Conversions

Conversions Part 2

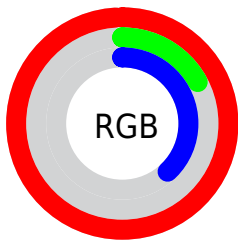
Format	Color
R_{YB}	252, 44, 97
Decimal	16526433
CIE Lab	55.44, 76.50, 23.34
CIE LCh	55, 79.987, 16.969
Yxy	23.3599, 0.5393, 0.2916
Android (android.graphics.Color)	4294716513 (0xFFFC2C61)
YUV	112.2340, -7.5104, 122.5748
Hunter-Lab	48.3321, 74.9769, 17.2213

Details

The XYZ color **43.2032, 23.3599, 13.5411** 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 **46.1609, 74.2807, 65.9496**, and the grayscale version is **15.4720, 16.2778, 17.7265**.

A 20% lighter version of the original color is **52.4116, 35.1768, 31.6312**, and **21.3366, 10.9304, 4.1172** is the 20% darker color. If you saturate the color by 10%, you get **41.7575, 21.7082, 9.2383**, and if you desaturate by 10%, it is **45.4260, 26.2346, 19.1259**.

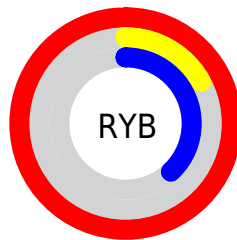
Distribution



Red (99%)

Green (17%)

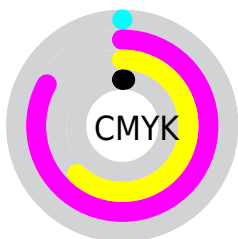
Blue (38%)



Red (99%)

Yellow (17%)

Blue (38%)

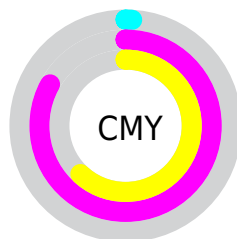


Cyan (0%)

Magenta (83%)

Yellow (62%)

Black (1%)



Cyan (1%)


Magenta (83%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2032, 23.3599, 13.5411 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 43.2032, 23.3599, 13.5411 by changing the saturation by 10% instead.


 43.2032, 23.3599,
13.5411


 43.2032, 23.3599,
13.5411


350.3541,
269.5682, 225.6853


 30.2398, 14.8595,
7.6671


 79.2712, 48.9836,
32.9779

 20.1696, 8.7208,
3.7980


 103.1065, 66.8757,
47.3777


 12.6274, 4.5595,
1.5152


 131.2965, 88.6671,
65.4566

 7.2477, 1.9912,
0.2292

 164.2065,
114.7423, 87.6330

 3.6652, 0.6024,
0.0000

 202.2020,
145.4856, 114.3256

 1.5145, 0.0000,
0.0000

245.6481,

 0.3357, 0.0000,

181.2814, 145.9528

0.0000

294.9104,
222.5141, 182.9331

■ 0.0000, 0.0000,
0.0000

■ 43.2032, 23.3599,
13.5411

■ 43.2032, 23.3599,
13.5411

■ 41.7575, 21.7082,
9.2383

■ 45.4260, 26.2346,
19.1259

■ 41.0755, 21.0677,
6.7809

■ 48.5272, 30.5127,
26.0921

■ 52.5936, 36.3484,
34.5294

■ 57.7008, 43.8746,
44.5191

■ 63.9165, 53.2098,
56.1363

71.3027, 64.4618,
69.4509

79.9165, 77.7300,
84.5288

89.8114, 93.1067,
101.4321

93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



43.6845, 23.3599, 38.3235



43.2032, 23.3599, 13.5411



36.2259, 23.3599, 3.6871

Triad

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



43.2032, 23.3599, 13.5411



11.8050, 23.3599, 4.3922



18.5257, 23.3599, 110.6919

Complementary

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



43.2032, 23.3599, 13.5411



46.1609, 74.2807, 65.9496

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.



12.3654, 23.3599, 81.5698



43.2032, 23.3599, 13.5411



9.2526, 23.3599, 15.8183

Square

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



43.2032, 23.3599, 13.5411



17.5265, 23.3599, 1.3835



9.4253, 23.3599, 42.8104



27.6449, 23.3599, 108.3596

Rectangle

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



43.2032, 23.3599, 13.5411



29.6831, 23.3599, 1.6571



9.4253, 23.3599, 42.8104



16.0985, 23.3599, 103.7172

Sweetspot

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



43.2038, 23.3613, 13.5414



71.2478, 63.1597, 67.7815



41.3773, 20.6392, 93.8978



14.6721, 12.6377, 13.4688



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.



43.2038, 23.3613, 13.5414



42.2765, 21.7189, 7.2518



44.4745, 28.6271, 5.5665



17.4260, 17.2978, 18.8331



21.4468, 10.9945, 3.7955



2.0273, 1.0347, 0.5671

Inverse Universe

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



43.2038, 23.3613, 13.5414



42.2765, 21.7189, 7.2518



40.0775, 50.4988, 99.7298



17.4260, 17.2978, 18.8331



21.4468, 10.9945, 3.7955



2.0273, 1.0347, 0.5671

Previews

White Background



This preview shows how the XYZ color 43.2032, 23.3599, 13.5411 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 43.2032, 23.3599, 13.5411 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 43.2032, 23.3599, 13.5411

Background



This preview shows how black text looks on a background with the XYZ color 43.2032, 23.3599, 13.5411.



This preview shows how white text looks on a background with the XYZ color 43.2032, 23.3599,

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

43.2032, 23.3599, 13.5411

Protanopia

22.6161, 23.4027, 26.2468

Deuteranopia

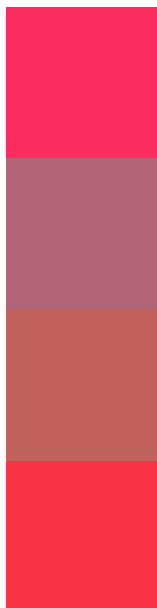
23.8069, 23.3404, 12.2672



Tritanopia

41.4801, 23.3322, 5.9318

Trichromacy



Original Color

43.2032, 23.3599, 13.5411

Protanomaly

26.3685, 19.9598, 20.5520

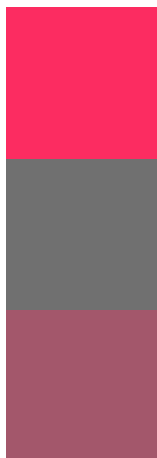
Deuteranomaly

28.1553, 20.6422, 12.3979

Tritanomaly

42.0730, 23.3191, 8.0779

Monochromacy



Original Color

43.2032, 23.3599, 13.5411

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

21.1663, 15.6645, 15.8179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2032, 23.3599, 13.5411 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(252, 44, 97)` looks like.

```
.text, #text, p{  
    color:rgb(252, 44, 97)  
}
```

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(252, 44, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 44, 97) }
```

Border

The CSS property to change the border of an element to XYZ 43.2032, 23.3599, 13.5411 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(252, 44, 97) }
```


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

```
.border{ border-color:rgb(252, 44, 97) }
```

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

Here you see how a box with a 4 pixel rgb(252, 44, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 44, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 44, 97);  
box-shadow:4px 4px 4px 4px rgb(252, 44,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2032, 23.3599, 13.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 44, 97) }
```

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

```
.background{ background-color: rgb(252, 44,  
97) }
```

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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