

Converting Colors

XYZ(43.2460, 23.7351, 10.8964)

Have a look what the booklet for
XYZ(43.2460, 23.7351, 10.8964)
contains.

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Color

**XYZ(43.2460, 23.7351,
10.8964)**

Conversions

Conversions Part 1

Format	Color
Hex	FD3155
RGB	253, 49, 85
RGB Percent	99%, 19%, 33%
CMY	0.0078, 0.8078, 0.6667
CMYK	0.00, 0.81, 0.66, 0.01
HSL	349°, 98%, 59%
HSV	349°, 81%, 99%
XYZ	43.2460, 23.7351, 10.8964
YIQ	114.1000, 110.0280, 54.4440

Conversions

Conversions Part 2

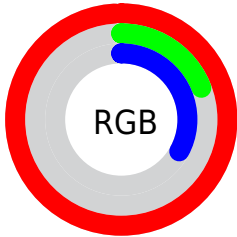
Format	Color
R_{YB}	253, 49, 85
Decimal	16593237
CIE _{Lab}	55.82, 74.99, 30.98
CIE _{LCh}	56, 81.137, 22.443
Yxy	23.7351, 0.5553, 0.3048
Android (android.graphics.Color)	4294783317 (0xFFFD3155)
YUV	114.1000, -14.3463, 121.8153
Hunter-Lab	48.7187, 73.1910, 20.8423

Details

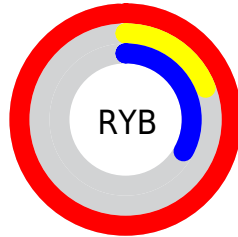
The XYZ color **43.2460, 23.7351, 10.8964** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **48.9191, 75.9142, 77.7315**, and the grayscale version is **16.0452, 16.8808, 18.3832**.

A 20% lighter version of the original color is **51.7885, 35.4720, 26.6715**, and **21.1220, 10.8446, 2.9874** is the 20% darker color. If you saturate the color by 10%, you get **41.7587, 21.8963, 6.9004**, and if you desaturate by 10%, it is **45.5709, 26.8599, 16.3741**.

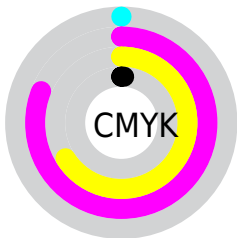
Distribution



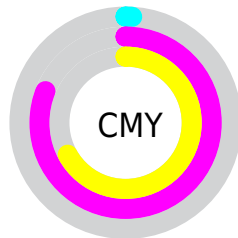
- Red (99%)
- Green (19%)
- Blue (33%)



- Red (99%)
- Yellow (19%)
- Blue (33%)



- Cyan (0%)
- Magenta (81%)
- Yellow (66%)
- Black (1%)





- Cyan (1%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2460, 23.7351, 10.8964 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 43.2460, 23.7351, 10.8964 by changing the saturation by 10% instead.


 43.2460, 23.7351,
10.8964


 43.2460, 23.7351,
10.8964


350.5269,
271.4785, 207.6673


 30.2735, 15.1372,
5.8839


 79.3354, 49.5976,
28.1022


 20.1954, 8.9158,
2.7070


 103.1829, 67.6310,
41.1325


 12.6463, 4.6863,
0.9469


 131.3863, 89.5783,
57.6726

 7.2607, 2.0644,
0.0000

 164.3108,
115.8241, 78.1408

 3.6735, 0.6445,
0.0000

 202.3217,
146.7526, 102.9559

 1.5191, 0.0000,
0.0000

245.7845,

 0.3388, 0.0000,

182.7482, 132.5363

0.0000

295.0644,
224.1954, 167.3006

■ 0.0000, 0.0000,
0.0000

■ 43.2460, 23.7351,
10.8964

■ 43.2460, 23.7351,
10.8964

■ 41.7587, 21.8963,
6.9004

■ 45.5709, 26.8599,
16.3741


■ 40.9743, 21.0691,
4.3526


■ 48.8380, 31.4476,
23.4636


■ 53.1377, 37.6516,
32.2816


■ 58.5493, 45.6049,
42.9331

■ 65.1442, 55.4266,
55.5147

 72.9876, 67.2251,
70.1164

 82.1401, 81.1008,
86.8221

 92.6581, 97.1470,
105.7111

 94.3178, 99.6225,
108.8657

Harmonies

Analogous

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



45.1076, 23.7351, 33.1163



43.2460, 23.7351, 10.8964



35.1909, 23.7351, 2.8682

Triad

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



43.2460, 23.7351, 10.8964



11.2171, 23.7351, 5.5992



20.3063, 23.7351, 115.9946

Complementary

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



43.2460, 23.7351, 10.8964



48.9191, 75.9142, 77.7315

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.



13.3827, 23.7351, 90.6556



43.2460, 23.7351, 10.8964



9.1485, 23.7351, 19.7220

Square

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



43.2460, 23.7351, 10.8964



16.4427, 23.7351, 1.5855



9.8158, 23.7351, 50.4931



30.0314, 23.7351, 106.9703

Rectangle

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



43.2460, 23.7351, 10.8964



28.3443, 23.7351, 1.3660



9.8158, 23.7351, 50.4931



17.6207, 23.7351, 110.8347

Sweetspot

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



43.2466, 23.7365, 10.8967



71.4580, 64.1429, 66.1167



47.0302, 23.8284, 95.0485



14.6875, 12.8157, 13.0204



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.



43.2466, 23.7365, 10.8967



41.9268, 21.6676, 5.1373



47.0362, 33.0517, 6.8083



18.1402, 18.0394, 19.3552



21.8337, 11.2228, 2.5090



2.1600, 1.1064, 0.4238

Inverse Universe

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



43.2466, 23.7365, 10.8967



41.9268, 21.6676, 5.1373



37.0669, 43.8850, 99.4450



18.1402, 18.0394, 19.3552



21.8337, 11.2228, 2.5090



2.1600, 1.1064, 0.4238

Previews

White Background



This preview shows how the XYZ color 43.2460, 23.7351, 10.8964 looks on a white background.

Color Contrast Check

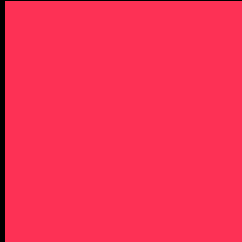
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2460, 23.7351, 10.8964 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 43.2460, 23.7351, 10.8964

Background



This preview shows how black text looks on a background with the XYZ color 43.2460, 23.7351, 10.8964.



This preview shows how white text looks on a background with the XYZ color 43.2460, 23.7351,

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

43.2460, 23.7351, 10.8964

Protanopia

22.6103, 23.9336, 20.5675

Deuteranopia

24.2650, 23.8253, 9.7984



Tritanopia

42.2249, 23.7133, 6.0930

Trichromacy



Original Color

43.2460, 23.7351, 10.8964

Protanomaly

26.5078, 20.5649, 16.2080

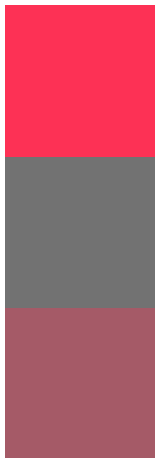
Deuteranomaly

28.6019, 21.2095, 9.7941

Tritanomaly

42.4311, 23.6469, 7.6381

Monochromacy



Original Color

43.2460, 23.7351, 10.8964

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 43.2460, 23.7351, 10.8964 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(253, 49, 85)` looks like.

```
.text, #text, p{  
    color:rgb(253, 49, 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(253, 49, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 49, 85) }
```

Border

The CSS property to change the border of an element to XYZ 43.2460, 23.7351, 10.8964 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(253, 49, 85) }
```


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

```
.border{ border-color:rgb(253, 49, 85) }
```

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

Here you see how a box with a 4 pixel rgb(253, 49, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 49, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 49, 85);  
box-shadow:4px 4px 4px 4px rgb(253, 49,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2460, 23.7351, 10.8964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 49, 85) }
```

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

```
.background{ background-color: rgb(253, 49,  
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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