

Converting Colors

XYZ(43.4305, 23.0044, 10.7611)

Have a look what the booklet for
XYZ(43.4305, 23.0044, 10.7611)
contains.

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Color

**XYZ(43.4235, 23.0036,
10.7458)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2155
RGB	255, 33, 85
RGB Percent	100%, 13%, 33%
CMY	0.0000, 0.8705, 0.6667
CMYK	0.00, 0.87, 0.67, 0.00
HSL	346°, 100%, 56%
HSV	346°, 87%, 100%
XYZ	43.4235, 23.0036, 10.7458
YIQ	105.3060, 115.6200, 63.2360

Conversions

Conversions Part 2

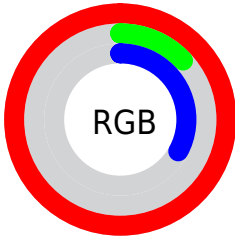
Format	Color
R_YB	255, 33, 85
Decimal	16720213
CIE Lab	55.08, 78.73, 30.12
CIE LCh	55, 84.295, 20.935
Yxy	23.0036, 0.5627, 0.2981
Android (android.graphics.Color)	4294910293 (0xFFFF2155)
YUV	105.3060, -10.0109, 131.2816
Hunter-Lab	47.9621, 77.6752, 20.2896

Details

The XYZ color **43.4235, 23.0036, 10.7458** 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 **47.1706, 76.1563, 68.7305**, and the grayscale version is **13.5184, 14.2224, 15.4882**.

A 20% lighter version of the original color is **50.8008, 33.4966, 26.3423**, and **21.6354, 11.1072, 3.1014** is the 20% darker color. If you saturate the color by 10%, you get **42.2892, 21.8104, 7.0538**, and if you desaturate by 10%, it is **45.3052, 25.3498, 15.7434**.

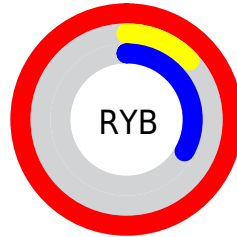
Distribution



Red (100%)

Green (13%)

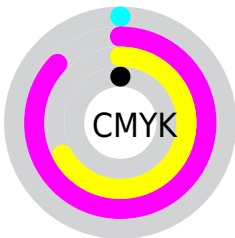
Blue (33%)



Red (100%)

Yellow (13%)

Blue (33%)

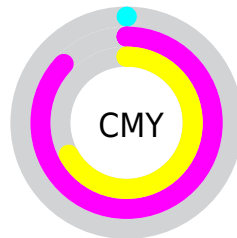


Cyan (0%)

Magenta (87%)

Yellow (67%)

Black (0%)



Cyan (0%)


Magenta (87%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4235, 23.0036, 10.7458 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 43.4235, 23.0036, 10.7458 by changing the saturation by 10% instead.


 43.4235, 23.0036,
10.7458


 43.4235, 23.0036,
10.7458

351.2426,
267.7435, 206.5896


 30.4135, 14.5962,
5.7842


 79.6013, 48.3992,
27.8186


 20.3023, 8.5365,
2.6476


 103.4998, 66.1562,
40.7668


 12.7245, 4.4401,
0.9169

 131.7585, 87.7985,
57.2143

 7.3148, 1.9227,
0.0000

 164.7428,
113.7105, 77.5796

 3.7078, 0.5619,
0.0000

 202.8179,
144.2766, 102.2812

 1.5382, 0.0000,
0.0000

246.3494,

 0.3516, 0.0000,

179.8812, 131.7377

0.0000

295.7025,
220.9087, 166.3677

■ 0.0000, 0.0000,
0.0000

■ 43.4235, 23.0036,
10.7458

■ 43.4235, 23.0036,
10.7458

■ 42.2892, 21.8104,
7.0538

■ 45.3052, 25.3498,
15.7434

■ 42.0475, 21.5830,
6.1840

■ 48.0540, 29.0616,
22.1652

■ 51.7675, 34.3112,
30.1153

■ 56.5290, 41.2442,
39.6873

■ 62.4128, 49.9892,
50.9670

■ 69.4861, 60.6621,
64.0336

■ 77.8108, 73.3693,
78.9616

■ 87.4444, 88.2093,
95.8211

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



44.9678, 23.0036, 34.1048



43.4235, 23.0036, 10.7458



35.3241, 23.0036, 2.5332

Triad

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



43.4235, 23.0036, 10.7458



10.6318, 23.0036, 4.5537



19.1423, 23.0036, 118.6117

Complementary

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



43.4235, 23.0036, 10.7458



47.1706, 76.1563, 68.7305

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.



12.3487, 23.0036, 90.4290



43.4235, 23.0036, 10.7458



8.4458, 23.0036, 17.7543

Square

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



43.4235, 23.0036, 10.7458



16.0287, 23.0036, 1.1448



8.9686, 23.0036, 48.4269



28.9677, 23.0036, 110.9795

Rectangle

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



43.4235, 23.0036, 10.7458



28.3050, 23.0036, 1.0726



8.9686, 23.0036, 48.4269



16.4831, 23.0036, 112.5437

Sweetspot

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



43.4240, 23.0050, 10.7461



70.2990, 61.8966, 65.5094



42.2823, 20.5208, 96.3394



14.4831, 12.3932, 12.9942



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.



43.4240, 23.0050, 10.7461



42.0478, 21.5831, 6.1840



45.0473, 28.4351, 4.5552



18.1836, 18.0568, 19.5841



22.0182, 11.2966, 3.4803



2.1838, 1.1159, 0.5495

Inverse Universe

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



43.4240, 23.0050, 10.7461



42.0478, 21.5831, 6.1840



39.2181, 48.6241, 101.9254



18.1836, 18.0568, 19.5841



22.0182, 11.2966, 3.4803



2.1838, 1.1159, 0.5495

Previews

White Background



This preview shows how the XYZ color 43.4235, 23.0036, 10.7458 looks on a white background.

Color Contrast Check

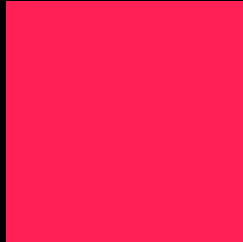
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4235, 23.0036, 10.7458 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 43.4235, 23.0036, 10.7458

Background



This preview shows how black text looks on a background with the XYZ color 43.4235, 23.0036, 10.7458.



This preview shows how white text looks on a background with the XYZ color 43.4235, 23.0036,

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

43.4235, 23.0036, 10.7458

Protanopia

22.0806, 23.2260, 21.7317

Deuteranopia

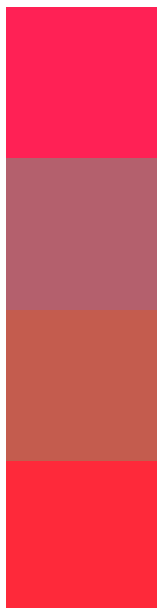
23.5972, 23.0975, 9.6931



Tritanopia

42.2475, 23.1220, 4.5218

Trichromacy



Original Color

43.4235, 23.0036, 10.7458

Protanomaly

25.7656, 19.1732, 16.8108

Deuteranomaly

27.9672, 19.9401, 9.5825

Tritanomaly

42.4297, 22.9622, 6.1988

Monochromacy



Original Color

43.4235, 23.0036, 10.7458

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

19.4978, 13.9474, 13.2197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4235, 23.0036, 10.7458 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, 33, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 33, 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(255, 33, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 33, 85) }
```

Border

The CSS property to change the border of an element to XYZ 43.4235, 23.0036, 10.7458 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, 33, 85) }
```


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

```
.border{ border-color:rgb(255, 33, 85) }
```

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

Here you see how a box with a 4 pixel rgb(255, 33, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 33, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 33, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 33,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4235, 23.0036, 10.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 33, 85) }
```

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

```
.background{ background-color: rgb(255, 33,  
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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