

Converting Colors

XYZ(41.2389, 20.9767, 23.5206)

Have a look what the booklet for
XYZ(41.2389, 20.9767, 23.5206)
contains.

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Color

**XYZ(41.1904, 20.9563,
23.3467)**

Conversions

Conversions Part 1

Format	Color
Hex	F30C83
RGB	243, 12, 131
RGB Percent	95%, 5%, 51%
CMY	0.0471, 0.9527, 0.4863
CMYK	0.00, 0.95, 0.46, 0.05
HSL	329°, 91%, 50%
HSV	329°, 95%, 95%
XYZ	41.1904, 20.9563, 23.3467
YIQ	94.6350, 99.4770, 85.9810

Conversions

Conversions Part 2

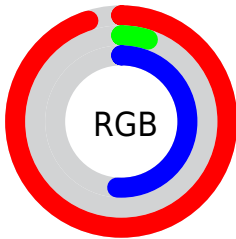
Format	Color
R_{YB}	243, 12, 131
Decimal	15928451
CIE _{Lab}	52.90, 81.39, -0.91
CIE _{LCh}	53, 81.390, 359.359
Yxy	20.9563, 0.4818, 0.2451
Android (android.graphics.Color)	4294118531 (0xFFFF30C83)
YUV	94.6350, 17.9279, 130.1161
Hunter-Lab	45.7781, 80.5000, 1.8069

Details

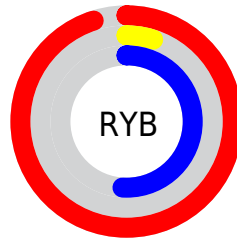
The XYZ color **41.1904, 20.9563, 23.3467** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **35.8441, 65.6362, 29.8650**, and the grayscale version is **10.7386, 11.2978, 12.3033**.

A 20% lighter version of the original color is **54.4489, 33.8350, 49.0084**, and **20.3454, 10.3125, 8.9008** is the 20% darker color. If you saturate the color by 10%, you get **40.6738, 20.5394, 21.2753**, and if you desaturate by 10%, it is **42.5453, 22.3144, 27.9658**.

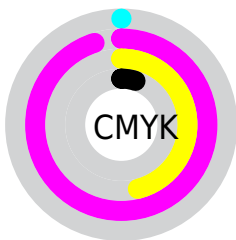
Distribution



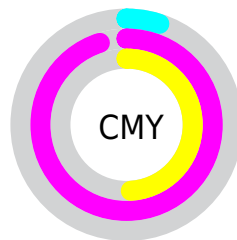
- Red (95%)
- Green (5%)
- Blue (51%)



- Red (95%)
- Yellow (5%)
- Blue (51%)



- Cyan (0%)
- Magenta (95%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (95%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1904, 20.9563, 23.3467 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 41.1904, 20.9563, 23.3467 by changing the saturation by 10% instead.


 41.1904, 20.9563,
23.3467


 41.1904, 20.9563,
23.3467


342.1648,
257.0462, 282.6802


 28.6562, 13.0921,
14.6420


 76.2457, 45.0148,
49.8924


 18.9639, 7.4920,
8.4247


 99.4976, 61.9778,
68.5704


 11.7480, 3.7716,
4.2762


 127.0527, 82.7426,
91.4101

 6.6433, 1.5467,
1.7781

 159.2764,
107.6935, 118.8298

 3.2844, 0.3212,
0.4134

 196.5342,
137.2149, 151.2481

 1.3059, 0.0000,
0.0000

239.1912,

 0.1876, 0.0000,

171.6912, 189.0835

0.0000

287.6130,
211.5068, 232.7547

■ 0.0000, 0.0000,
0.0000

■ 41.1904, 20.9563,
23.3467

■ 41.1904, 20.9563,
23.3467

■ 40.6738, 20.5394,
21.2753

■ 42.5453, 22.3144,
27.9658

■ 44.4925, 24.7070,
33.2448

■ 47.1221, 28.3099,
39.2273

■ 50.5072, 33.2652,
45.9507

■ 54.7108, 39.6949,
53.4487

■ 59.7893, 47.7075,
61.7521

■ 65.7934, 57.4010,
70.8895

■ 72.7700, 68.8654,
80.8879

■ 80.7627, 82.1844,
91.7726

Harmonies

Analogous

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



37.5910, 20.9563, 56.0385



41.1904, 20.9563, 23.3467



37.8716, 20.9563, 6.6830

Triad

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



41.1904, 20.9563, 23.3467



12.9200, 20.9563, 1.4920



12.6836, 20.9563, 91.6283

Complementary

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



41.1904, 20.9563, 23.3467



35.8441, 65.6362, 29.8650

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.



8.7833, 20.9563, 54.4000



41.1904, 20.9563, 23.3467



8.8899, 20.9563, 6.2900

Square

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



41.1904, 20.9563, 23.3467



20.1021, 20.9563, 0.6869



7.6208, 20.9563, 22.2970



19.7356, 20.9563, 109.1792

Rectangle

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



41.1904, 20.9563, 23.3467



32.6014, 20.9563, 2.5254



7.6208, 20.9563, 22.2970



11.0429, 20.9563, 80.1125

Sweetspot

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



41.1910, 20.9575, 23.3470



70.5784, 59.4498, 74.8681



24.5751, 10.9962, 85.6212



14.5049, 11.7556, 15.1018



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.



41.1910, 20.9575, 23.3470



45.3596, 22.9079, 23.6237



37.1870, 19.3559, 2.2624



16.8555, 16.6250, 18.9855



22.3918, 11.3002, 12.0375



2.0200, 1.0139, 1.3315

Inverse Universe

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



41.1910, 20.9575, 23.3470



45.3596, 22.9079, 23.6237



47.8052, 70.4206, 92.8512



16.8555, 16.6250, 18.9855



22.3918, 11.3002, 12.0375



2.0200, 1.0139, 1.3315

Previews

White Background



This preview shows how the XYZ color 41.1904, 20.9563, 23.3467 looks on a white background.

Color Contrast Check

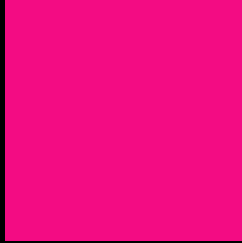
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1904, 20.9563, 23.3467 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 41.1904, 20.9563, 23.3467

Background



This preview shows how black text looks on a background with the XYZ color 41.1904, 20.9563, 23.3467.



This preview shows how white text looks on a background with the XYZ color 41.1904, 20.9563,

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

41.1904, 20.9563, 23.3467

Protanopia

22.3546, 21.3622, 50.5221

Deuteranopia

21.6895, 21.2972, 21.0568



Tritanopia

37.5356, 21.1633, 5.5966

Trichromacy



Original Color

41.1904, 20.9563, 23.3467



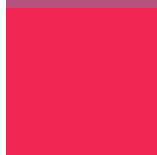
Protanomaly

23.8557, 16.1986, 38.4285



Deuteranomaly

25.3853, 17.2509, 21.3938



Tritanomaly

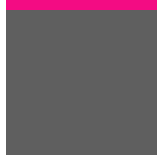
38.1513, 20.5207, 9.9327

Monochromacy



Original Color

41.1904, 20.9563, 23.3467



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

16.9915, 11.2529, 15.4638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1904, 20.9563, 23.3467 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(243, 12, 131)` looks like.

```
.text, #text, p{  
    color:rgb(243, 12, 131)  
}
```

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(243, 12, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 12, 131) }
```

Border

The CSS property to change the border of an element to XYZ 41.1904, 20.9563, 23.3467 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(243, 12, 131) }
```


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

```
.border{ border-color:rgb(243, 12, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 12, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 12, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 12, 131);  
box-shadow:4px 4px 4px 4px rgb(243, 12,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1904, 20.9563, 23.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 12, 131) }
```

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

```
.background{ background-color: rgb(243, 12,  
131) }
```

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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