

Converting Colors

XYZ(43.2028, 22.0056, 15.2099)

Have a look what the booklet for
XYZ(43.2028, 22.0056, 15.2099)
contains.

XYZ(43.0795, 21.9460, 15.3301)	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(43.0795, 21.9460,
15.3301)**

Conversions

Conversions Part 1

Format	Color
Hex	FD0269
RGB	253, 2, 105
RGB Percent	99%, 1%, 41%
CMY	0.0078, 0.9919, 0.5882
CMYK	0.00, 0.99, 0.58, 0.01
HSL	335°, 98%, 50%
HSV	335°, 99%, 99%
XYZ	43.0795, 21.9460, 15.3301
YIQ	88.7910, 116.5330, 85.2450

Conversions

Conversions Part 2

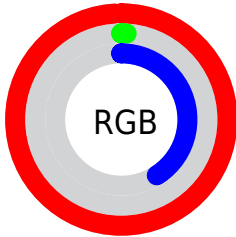
Format	Color
R_{YB}	253, 2, 105
Decimal	16581225
CIE _{Lab}	53.97, 82.48, 16.59
CIE _{LCh}	54, 84.132, 11.374
Yxy	21.9460, 0.5361, 0.2731
Android (android.graphics.Color)	4294771305 (0xFFFD0269)
YUV	88.7910, 7.9910, 144.0113
Hunter-Lab	46.8466, 82.1649, 13.3905

Details

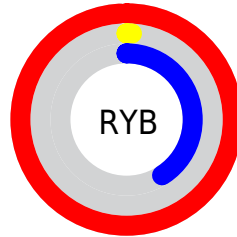
The XYZ color **43.0795, 21.9460, 15.3301** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **40.6614, 72.4676, 40.7271**, and the grayscale version is **9.4226, 9.9133, 10.7956**.

A 20% lighter version of the original color is **51.7026, 32.5840, 35.0168**, and **21.5285, 11.0071, 5.1276** is the 20% darker color. If you saturate the color by 10%, you get **42.9953, 21.8775, 14.9950**, and if you desaturate by 10%, it is **44.2936, 23.0376, 19.8568**.

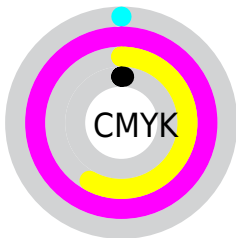
Distribution



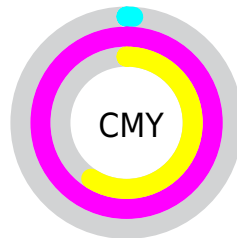
- Red (99%)
- Green (1%)
- Blue (41%)



- Red (99%)
- Yellow (1%)
- Blue (41%)



- Cyan (0%)
- Magenta (99%)
- Yellow (58%)
- Black (1%)





- Cyan (1%)
- Magenta (99%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0795, 21.9460, 15.3301 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 43.0795, 21.9460, 15.3301 by changing the saturation by 10% instead.


 43.0795, 21.9460,
15.3301


 43.0795, 21.9460,
15.3301

349.8546,
262.2641, 237.0648


 30.1423, 13.8172,
8.9022


 79.0858, 46.6567,
36.1817

 20.0952, 7.9937,
4.5815


 102.8856, 64.0075,
51.4425


 12.5729, 4.0909,
1.9495


 131.0369, 85.2010,
70.4846

 7.2101, 1.7245,
0.5239

 163.9052,
110.6217, 93.7267

 3.6413, 0.4395,
0.0000

 201.8557,
140.6540, 121.5872

 1.5013, 0.0000,
0.0000

245.2539,

 0.3267, 0.0000,

175.6822, 154.4847

0.0000

294.4651,
216.0908, 192.8377

■ 0.0000, 0.0000,
0.0000

■ 43.0795, 21.9460,
15.3301

■ 43.0795, 21.9460,
15.3301

■ 42.9953, 21.8775,
14.9950

■ 44.2936, 23.0376,
19.8568

■ 46.1280, 25.1435,
25.2862

■ 48.7161, 28.5212,
31.6930

■ 52.1479, 33.3417,
39.1357

■ 56.4997, 39.7489,
47.6663

61.8390, 47.8691,
57.3330

68.2264, 57.8160,
68.1801

75.7175, 69.6932,
80.2496

84.3639, 83.5965,
93.5811

Harmonies

Analogous

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



42.1593, 21.9460, 43.6840



43.0795, 21.9460, 15.3301



36.8921, 21.9460, 3.7427

Triad

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



43.0795, 21.9460, 15.3301



11.3176, 21.9460, 2.5879



15.7655, 21.9460, 109.4766

Complementary

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



43.0795, 21.9460, 15.3301



40.6614, 72.4676, 40.7271

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.



10.3103, 21.9460, 74.5122



43.0795, 21.9460, 15.3301



8.3045, 21.9460, 11.2204

Square

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



43.0795, 21.9460, 15.3301



17.6024, 21.9460, 0.7391



7.9990, 21.9460, 35.1727



24.4944, 21.9460, 114.0540

Rectangle

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



43.0795, 21.9460, 15.3301



30.3898, 21.9460, 1.3942



7.9990, 21.9460, 35.1727



13.5637, 21.9460, 100.1224

Sweetspot

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



43.0800, 21.9473, 15.3304



68.8780, 57.9473, 68.4493



30.0453, 13.4742, 93.9451



14.1353, 11.4534, 13.6313



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.



43.0800, 21.9473, 15.3304



43.7693, 22.2717, 15.2494



40.8251, 21.4990, 2.0574



18.3183, 18.1106, 20.2932



22.9402, 11.6654, 8.3353



2.2863, 1.1569, 1.0889

Inverse Universe

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



43.0800, 21.9473, 15.3304



43.7693, 22.2717, 15.2494



46.6369, 64.8682, 102.9907



18.3183, 18.1106, 20.2932



22.9402, 11.6654, 8.3353



2.2863, 1.1569, 1.0889

Previews

White Background



This preview shows how the XYZ color 43.0795, 21.9460, 15.3301 looks on a white background.

Color Contrast Check

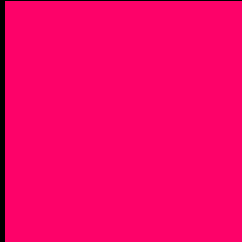
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0795, 21.9460, 15.3301 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 43.0795, 21.9460, 15.3301

Background



This preview shows how black text looks on a background with the XYZ color 43.0795, 21.9460, 15.3301.



This preview shows how white text looks on a background with the XYZ color 43.0795, 21.9460,

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

43.0795, 21.9460, 15.3301

Protanopia

22.2042, 22.4360, 33.2973

Deuteranopia

22.6804, 22.3454, 13.7074



Tritanopia

40.9946, 22.3184, 4.1547

Trichromacy



Original Color

43.0795, 21.9460, 15.3301



Protanomaly

24.5504, 16.7347, 25.2287



Deuteranomaly

26.3085, 17.5663, 13.5593



Tritanomaly

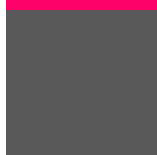
41.4622, 21.8495, 6.8826

Monochromacy



Original Color

43.0795, 21.9460, 15.3301



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

15.9231, 10.1420, 11.9448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0795, 21.9460, 15.3301 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, 2, 105)` looks like.

```
.text, #text, p{  
    color:rgb(253, 2, 105)  
}
```

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, 2, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 2, 105) }
```

Border

The CSS property to change the border of an element to XYZ 43.0795, 21.9460, 15.3301 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, 2, 105) }
```


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

```
.border{ border-color:rgb(253, 2, 105) }
```

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

Here you see how a box with a 4 pixel rgb(253, 2, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 2, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 2, 105);  
box-shadow:4px 4px 4px 4px rgb(253, 2,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0795, 21.9460, 15.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 2, 105) }
```

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

```
.background{ background-color: rgb(253, 2,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor