

Converting Colors

XYZ(44.4333, 21.8136, 51.4429)

Have a look what the booklet for
XYZ(44.4333, 21.8136, 51.4429)
contains.

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Color

**XYZ(44.3290, 21.7661,
51.1551)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ED00BF |
| RGB | 237, 0, 191 |
| RGB Percent | 93%, 0%, 75% |
| CMY | 0.0706, 0.9998, 0.2510 |
| CMYK | 0.00, 1.00, 0.19, 0.07 |
| HSL | 312°, 100%, 46% |
| HSV | 312°, 100%, 93% |
| XYZ | 44.3290, 21.7661, 51.1551 |
| YIQ | 92.6370, 79.9410, 109.6450 |

Conversions

Conversions Part 2

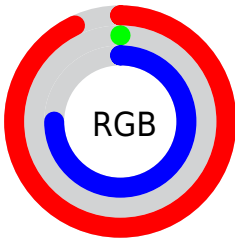
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 237, 0, 191 |
| Decimal | 15532223 |
| CIE _{Lab} | 53.78, 86.98, -35.17 |
| CIE _{LCh} | 54, 93.826, 337.984 |
| Yxy | 21.7661, 0.3781, 0.1856 |
| Android (android.graphics.Color) | 4293722303 (0xFFED00BF) |
| YUV | 92.6370, 48.4930, 126.6064 |
| Hunter-Lab | 46.6542, 87.9591, -32.3521 |

Details

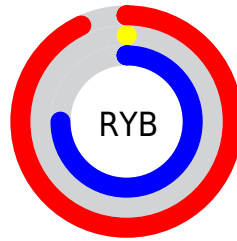
The XYZ color **44.3290, 21.7661, 51.1551** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed rose. A complement of this color would be **30.7790, 60.7666, 12.6965**, and the grayscale version is **10.2043, 10.7357, 11.6912**.

A 20% lighter version of the original color is **62.6451, 36.9610, 92.6394**, and **22.4199, 11.0362, 24.6155** is the 20% darker color. If you saturate the color by 10%, you get **44.3283, 21.7658, 51.1501**, and if you desaturate by 10%, it is **45.1651, 22.6149, 53.9716**.

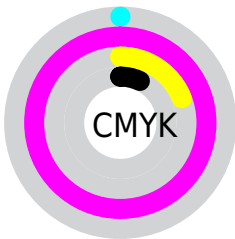
Distribution



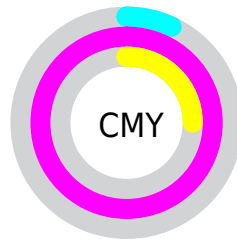
- Red (93%)
- Green (0%)
- Blue (75%)



- Red (93%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (7%)



- Cyan (7%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3290, 21.7661, 51.1551 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 44.3290, 21.7661, 51.1551 by changing the saturation by 10% instead.

44.3290, 21.7661,
51.1551

44.3290, 21.7661,
51.1551

354.8787,
261.3223, 408.0298

31.1283, 13.6851,
35.9545

80.9559, 46.3591,
93.2978

20.8488, 7.9020,
24.1096

105.1127, 63.6399,
121.0770

13.1254, 4.0323,
15.2020

133.6523, 84.7562,
153.8862

7.5925, 1.6916,
8.8131

166.9399,
110.0922, 192.1438

3.8849, 0.4182,
4.5243

205.3411,
140.0325, 236.2684

1.6373, 0.0000,
1.9172

249.2210,

0.4165, 0.0000,

174.9613, 286.6786

0.5036

298.9451,
215.2631, 343.7929

■ 0.0000, 0.0000,
0.0000

■ 44.3290, 21.7661,
51.1551

■ 44.3290, 21.7661,
51.1551

■ 44.3283, 21.7658,
51.1501

■ 45.1651, 22.6149,
53.9716

■ 46.4087, 24.2532,
57.0029

■ 48.1835, 26.9281,
60.2912

■ 50.5624, 30.7850,
63.8614

■ 53.6065, 35.9460,
67.7346

■ 57.3694, 42.5180,
71.9292

■ 61.8990, 50.5967,
76.4621

■ 67.2393, 60.2696,
81.3483

■ 73.4306, 71.6175,
86.6020

Harmonies

Analogous

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



35.0378, 21.7661, 99.7736



44.3290, 21.7661, 51.1551



46.3950, 21.7661, 16.8022

Triad

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



44.3290, 21.7661, 51.1551



18.1137, 21.7661, 0.0000



8.8724, 21.7661, 76.8252

Complementary

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



44.3290, 21.7661, 51.1551



30.7790, 60.7666, 12.6965

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.



6.8278, 21.7661, 32.2654



44.3290, 21.7661, 51.1551



10.9136, 21.7661, 1.3556

Square

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



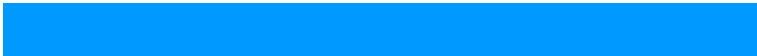
44.3290, 21.7661, 51.1551



28.8278, 21.7661, 0.4011



7.4293, 21.7661, 8.3981



14.2457, 21.7661, 121.2304

Rectangle

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



44.3290, 21.7661, 51.1551



42.9282, 21.7661, 6.0413



7.4293, 21.7661, 8.3981



7.8680, 21.7661, 60.4000

Sweetspot

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



44.3298, 21.7672, 51.1555



73.0104, 59.6003, 90.2101



16.3035, 6.6397, 80.5435



15.1194, 11.8470, 18.8136



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.



44.3298, 21.7672, 51.1555



52.3195, 25.6918, 60.2738



36.1986, 18.5148, 8.3372



15.5822, 15.2607, 18.3509



24.2485, 11.9021, 28.1737



1.9362, 0.9474, 2.3812

Inverse Universe

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



44.3298, 21.7672, 51.1555



52.3195, 25.6918, 60.2738



36.8034, 63.1764, 44.4207



15.5822, 15.2607, 18.3509



24.2485, 11.9021, 28.1737



1.9362, 0.9474, 2.3812

Previews

White Background



This preview shows how the XYZ color 44.3290, 21.7661, 51.1551 looks on a white background.

Color Contrast Check

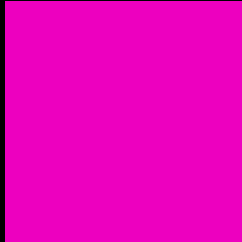
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.3290, 21.7661, 51.1551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

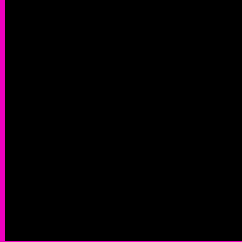
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3290, 21.7661, 51.1551

Background



This preview shows how black text looks on a background with the XYZ color 44.3290, 21.7661, 51.1551.



This preview shows how white text looks on a background with the XYZ color 44.3290, 21.7661,

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

44.3290, 21.7661, 51.1551

Protanopia

26.7775, 22.7947, 97.5962

Deuteranopia

22.7953, 22.2704, 45.7450



Tritanopia

35.9223, 22.0906, 9.7677

Trichromacy



Original Color

44.3290, 21.7661, 51.1551



Protanomaly

24.7703, 15.3454, 78.0004



Deuteranomaly

25.7877, 16.6747, 46.6591



Tritanomaly

37.4021, 20.4589, 19.7470

Monochromacy



Original Color

44.3290, 21.7661, 51.1551



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

17.2035, 10.7327, 21.9338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3290, 21.7661, 51.1551 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(237, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 191)  
}
```

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(237, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 191) }
```

Border

The CSS property to change the border of an element to XYZ 44.3290, 21.7661, 51.1551 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(237, 0, 191) }
```


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

```
.border{ border-color:rgb(237, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(237, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(237, 0,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3290, 21.7661, 51.1551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 191) }
```

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

```
.background{ background-color: rgb(237, 0,  
191) }
```

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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