

Converting Colors

XYZ(43.1772, 21.6515, 44.0229)

Have a look what the booklet for
XYZ(43.1772, 21.6515, 44.0229)
contains.

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Color

**XYZ(43.1772, 21.6515,
44.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	ED12B2
RGB	237, 18, 178
RGB Percent	93%, 7%, 70%
CMY	0.0706, 0.9293, 0.3020
CMYK	0.00, 0.92, 0.25, 0.07
HSL	316°, 86%, 50%
HSV	316°, 92%, 93%
XYZ	43.1772, 21.6515, 44.0229
YIQ	101.7210, 79.1640, 96.1880

Conversions

Conversions Part 2

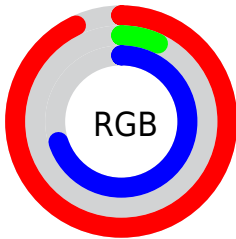
Format	Color
R_{YB}	237, 18, 178
Decimal	15536818
CIE _{Lab}	53.66, 84.13, -27.79
CIE _{LCh}	54, 88.598, 341.717
Yxy	21.6515, 0.3967, 0.1989
Android (android.graphics.Color)	4293726898 (0xFFED12B2)
YUV	101.7210, 37.6055, 118.6397
Hunter-Lab	46.5312, 84.2041, -23.5221

Details

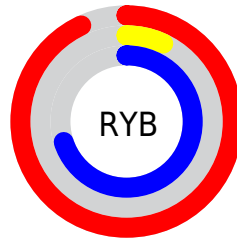
The XYZ color **43.1772, 21.6515, 44.0229** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **31.8751, 61.2338, 17.1669**, and the grayscale version is **12.4523, 13.1008, 14.2668**.

A 20% lighter version of the original color is **60.8427, 36.7033, 81.7196**, and **21.6062, 10.7108, 20.3307** is the 20% darker color. If you saturate the color by 10%, you get **42.4816, 21.0272, 41.4263**, and if you desaturate by 10%, it is **44.4360, 23.1186, 47.6803**.

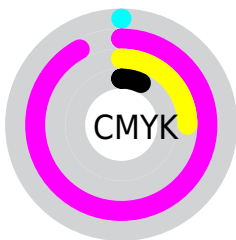
Distribution



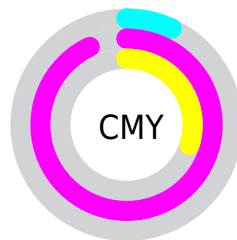
- Red (93%)
- Green (7%)
- Blue (70%)



- Red (93%)
- Yellow (7%)
- Blue (70%)



- Cyan (0%)
- Magenta (92%)
- Yellow (25%)
- Black (7%)





- Cyan (7%)
- Magenta (93%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1772, 21.6515, 44.0229 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 43.1772, 21.6515, 44.0229 by changing the saturation by 10% instead.


 43.1772, 21.6515,
44.0229


 43.1772, 21.6515,
44.0229


350.2492,
260.7209, 378.8458


 30.2193, 13.6011,
30.3512


 79.2322, 46.1693,
82.5550


 20.1540, 7.8437,
19.8510


 103.0601, 63.4055,
108.2526


 12.6160, 3.9951,
12.1038


 131.2420, 84.4723,
138.7957

 7.2398, 1.6708,
6.6910

 164.1432,
109.7543, 174.6032

 3.6602, 0.4047,
3.1941

 202.1292,
139.6357, 216.0933

 1.5117, 0.0000,
1.1946

245.5653,

 0.3338, 0.0000,

174.5010, 263.6848

0.0000

294.8168,
214.7346, 317.7961

■ 0.0000, 0.0000,
0.0000

■ 43.1772, 21.6515,
44.0229

■ 43.1772, 21.6515,
44.0229

■ 42.4816, 21.0272,
41.4263

■ 44.4360, 23.1186,
47.6803

■ 46.2194, 25.5868,
51.6616

■ 48.6049, 29.2102,
55.9947

■ 51.6563, 34.1157,
60.7028

■ 55.4289, 40.4135,
65.8062

■ 59.9722, 48.2018,
71.3231

■ 65.3311, 57.5700,
77.2702

■ 71.5471, 68.6004,
83.6632

■ 78.6588, 81.3695,
90.5167

Harmonies

Analogous

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



35.2389, 21.6515, 87.9033



43.1772, 21.6515, 44.0229



44.0683, 21.6515, 14.4872

Triad

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



43.1772, 21.6515, 44.0229



17.0966, 21.6515, 0.4025



9.7558, 21.6515, 78.1294

Complementary

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



43.1772, 21.6515, 44.0229



31.8751, 61.2338, 17.1669

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.



7.3985, 21.6515, 35.8373



43.1772, 21.6515, 44.0229



10.6806, 21.6515, 2.1387

Square

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



43.1772, 21.6515, 44.0229



26.8397, 21.6515, 0.5861



7.6749, 21.6515, 10.7028



15.3767, 21.6515, 115.9225

Rectangle

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



43.1772, 21.6515, 44.0229



40.2921, 21.6515, 5.4080



7.6749, 21.6515, 10.7028



8.6464, 21.6515, 63.0186

Sweetspot

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



43.1779, 21.6527, 44.0233



73.4032, 61.4173, 87.1612



18.5174, 8.1021, 80.7089



15.1509, 12.1712, 18.0187



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.



43.1779, 21.6527, 44.0233



50.1339, 24.8175, 48.7645



36.2201, 18.8695, 7.3840



15.5315, 15.2405, 18.0843



23.2509, 11.5030, 22.9203



1.8655, 0.9192, 2.0091

Inverse Universe

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



43.1779, 21.6527, 44.0233



50.1339, 24.8175, 48.7645



39.3875, 64.2387, 56.7266



15.5315, 15.2405, 18.0843



23.2509, 11.5030, 22.9203



1.8655, 0.9192, 2.0091

Previews

White Background



This preview shows how the XYZ color 43.1772, 21.6515, 44.0229 looks on a white background.

Color Contrast Check

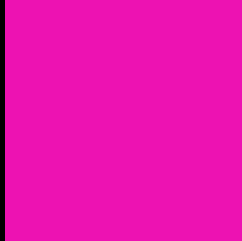
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1772, 21.6515, 44.0229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

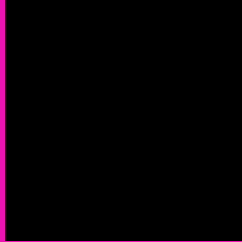
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.1772, 21.6515, 44.0229

Background



This preview shows how black text looks on a background with the XYZ color 43.1772, 21.6515, 44.0229.



This preview shows how white text looks on a background with the XYZ color 43.1772, 21.6515,

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

43.1772, 21.6515, 44.0229

Protanopia

26.2675, 22.4165, 94.2092

Deuteranopia

22.5905, 22.1063, 39.6355



Tritanopia

35.9005, 21.8007, 8.9724

Trichromacy



Original Color

43.1772, 21.6515, 44.0229



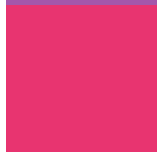
Protanomaly

24.6675, 16.1023, 72.3290



Deuteranomaly

26.0687, 17.6492, 40.5607



Tritanomaly

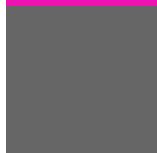
37.4313, 20.7816, 17.3676

Monochromacy



Original Color

43.1772, 21.6515, 44.0229



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

19.0450, 12.6975, 22.5662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1772, 21.6515, 44.0229 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, 18, 178)` looks like.

```
.text, #text, p{  
    color:rgb(237, 18, 178)  
}
```

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, 18, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 18, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.1772, 21.6515, 44.0229 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, 18, 178) }
```


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

```
.border{ border-color:rgb(237, 18, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 18, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 18, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 18, 178);  
box-shadow:4px 4px 4px 4px rgb(237, 18,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1772, 21.6515, 44.0229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 18, 178) }
```

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

```
.background{ background-color: rgb(237, 18,  
178) }
```

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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