

Converting Colors

XYZ(43.2647, 20.8007, 69.9316)

Have a look what the booklet for
XYZ(43.2647, 20.8007, 69.9316)
contains.

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Color

**XYZ(43.1753, 20.7501,
70.1362)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DE00DD |
| RGB | 222, 0, 221 |
| RGB Percent | 87%, 0%, 87% |
| CMY | 0.1294, 0.9999, 0.1333 |
| CMYK | 0.00, 1.00, 0.00, 0.13 |
| HSL | 300°, 100%, 44% |
| HSV | 300°, 100%, 87% |
| XYZ | 43.1753, 20.7501, 70.1362 |
| YIQ | 91.5720, 61.3710, 115.7950 |

Conversions

Conversions Part 2

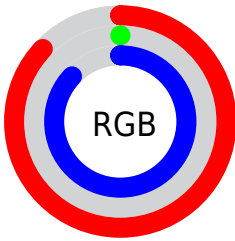
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 222, 0, 221 |
| Decimal | 14549213 |
| CIE _{Lab} | 52.67, 88.35, -54.32 |
| CIE _{LCh} | 53, 103.709, 328.414 |
| Yxy | 20.7501, 0.3221, 0.1548 |
| Android (android.graphics.Color) | 4292739293 (0xFFDE00DD) |
| YUV | 91.5720, 63.8080, 114.3854 |
| Hunter-Lab | 45.5523, 89.4691, -59.4014 |

Details

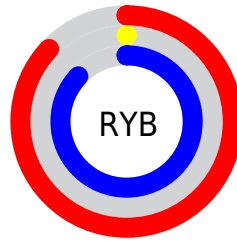
The XYZ color **43.1753, 20.7501, 70.1362** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **26.1277, 52.2457, 8.7372**, and the grayscale version is **9.9285, 10.4455, 11.3752**.

A 20% lighter version of the original color is **63.5647, 37.0294, 98.4049**, and **21.6918, 10.3980, 36.4610** is the 20% darker color. If you saturate the color by 10%, you get **43.1757, 20.7502, 70.1364**, and if you desaturate by 10%, it is **43.4806, 21.3385, 70.3039**.

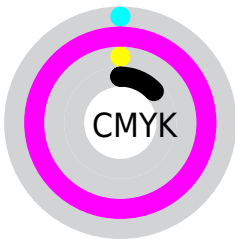
Distribution



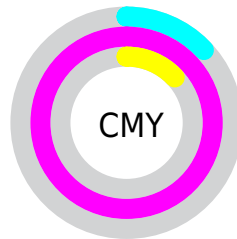
- Red (87%)
- Green (0%)
- Blue (87%)



- Red (87%)
- Yellow (0%)
- Blue (87%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1753, 20.7501, 70.1362 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 43.1753, 20.7501, 70.1362 by changing the saturation by 10% instead.

 43.1753, 20.7501,
70.1362

 43.1753, 20.7501,
70.1362


350.2415,
255.9474, 479.8301


 30.2178, 12.9415,
51.1601


 79.2294, 44.6713,
121.0859


 20.1529, 7.3882,
35.9584

 103.0567, 61.5526,
153.8966


 12.6151, 3.7061,
24.1126


 131.2380, 82.2269,
192.1558

 7.2392, 1.5105,
15.2042

 164.1386,
107.0786, 236.2823

 3.6598, 0.2961,
8.8146

 202.1239,
136.4921, 286.6943

 1.5115, 0.0000,
4.5253

 245.5592,

 0.3337, 0.0000,

170.8518, 343.8107

1.9177

294.8100,
210.5421, 408.0497

■ 0.0000, 0.0000,
0.5040

■ 0.0000, 0.0000,
0.0000

■ 43.1753, 20.7501,
70.1362

■ 43.1753, 20.7501,
70.1362

■ 43.1757, 20.7502,
70.1364

■ 43.4806, 21.3385,
70.3039

■ 44.1195, 22.5951,
70.5827

■ 45.2015, 24.7377,
71.0093

■ 46.7881, 27.8895,
71.6041

■ 48.9311, 32.1542,
72.3844

■ 51.6761, 37.6227,
73.3654

■ 55.0638, 44.3766,
74.5607

■ 59.1313, 52.4902,
75.9826

■ 63.9130, 62.0322,
77.6427

Harmonies

Analogous

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



31.3220, 20.7501, 125.3642



43.1753, 20.7501, 70.1362



48.5482, 20.7501, 24.2768

Triad

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



43.1753, 20.7501, 70.1362



20.3017, 20.7501, 0.0000



6.5313, 20.7501, 64.2521

Complementary

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



43.1753, 20.7501, 70.1362



26.1277, 52.2457, 8.7372

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.



5.4107, 20.7501, 20.9896



43.1753, 20.7501, 70.1362



11.4115, 20.7501, 0.0000

Square

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



43.1753, 20.7501, 70.1362



32.6944, 20.7501, 0.1729



6.8098, 20.7501, 3.5820



10.7353, 20.7501, 120.2841

Rectangle

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



43.1753, 20.7501, 70.1362



46.6529, 20.7501, 8.5503



6.8098, 20.7501, 3.5820



5.8678, 20.7501, 47.0133

Sweetspot

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



43.1762, 20.7511, 70.1366



75.2546, 60.4979, 102.0278



13.1858, 5.2750, 69.4313



15.6642, 12.0649, 21.6821



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.



43.1762, 20.7511, 70.1366



59.1054, 28.4062, 96.0080



32.9953, 16.6787, 16.5248



14.2923, 13.9345, 17.3092



25.6465, 12.3256, 41.6655



1.7785, 0.8547, 2.8927

Inverse Universe

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



43.1762, 20.7511, 70.1366



59.1054, 28.4062, 96.0080



28.9924, 53.3915, 23.8221



14.2923, 13.9345, 17.3092



25.6465, 12.3256, 41.6655



1.7785, 0.8547, 2.8927

Previews

White Background



This preview shows how the XYZ color 43.1753, 20.7501, 70.1362 looks on a white background.

Color Contrast Check

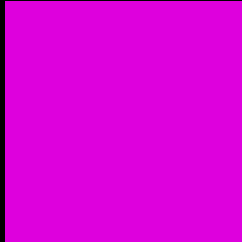
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1753, 20.7501, 70.1362 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 43.1753, 20.7501, 70.1362

Background



This preview shows how black text looks on a background with the XYZ color 43.1753, 20.7501, 70.1362.



This preview shows how white text looks on a background with the XYZ color 43.1753, 20.7501,

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

43.1753, 20.7501, 70.1362

Protanopia

25.7286, 21.6930, 97.4389

Deuteranopia

22.1649, 21.5702, 62.6698



Tritanopia

31.3524, 20.9990, 12.5260

Trichromacy



Original Color

43.1753, 20.7501, 70.1362



Protanomaly

24.2689, 14.6865, 86.3497



Deuteranomaly

24.1586, 15.4348, 64.6567



Tritanomaly

33.4670, 18.7426, 26.2799

Monochromacy



Original Color

43.1753, 20.7501, 70.1362



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

16.8716, 10.4810, 25.5599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1753, 20.7501, 70.1362 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(222, 0, 221)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 221)  
}
```

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(222, 0, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 221) }
```

Border

The CSS property to change the border of an element to XYZ 43.1753, 20.7501, 70.1362 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(222, 0, 221) }
```


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

```
.border{ border-color:rgb(222, 0, 221) }
```

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

Here you see how a box with a 4 pixel rgb(222, 0, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1753, 20.7501, 70.1362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 221) }
```

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

```
.background{ background-color: rgb(222, 0,  
221) }
```

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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