

Converting Colors

XYZ(42.9052, 20.9133, 56.4553)

Have a look what the booklet for
XYZ(42.9052, 20.9133, 56.4553)
contains.

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Color

**XYZ(43.0585, 20.9931,
56.4262)**

Conversions

Conversions Part 1

Format	Color
Hex	E600C8
RGB	230, 0, 200
RGB Percent	90%, 0%, 78%
CMY	0.0980, 0.9998, 0.2157
CMYK	0.00, 1.00, 0.13, 0.10
HSL	308°, 100%, 45%
HSV	308°, 100%, 90%
XYZ	43.0585, 20.9931, 56.4262
YIQ	91.5700, 72.8800, 110.9600

Conversions

Conversions Part 2

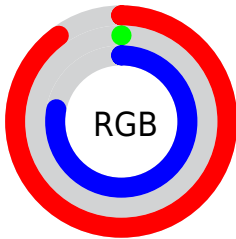
Format	Color
R_{YB}	230, 0, 200
Decimal	15073480
CIE _{Lab}	52.94, 86.85, -41.78
CIE _{LCh}	53, 96.375, 334.309
Yxy	20.9931, 0.3574, 0.1742
Android (android.graphics.Color)	4293263560 (0xFFE600C8)
YUV	91.5700, 53.4560, 121.4031
Hunter-Lab	45.8182, 87.5667, -40.9442

Details

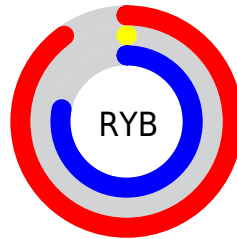
The XYZ color **43.0585, 20.9931, 56.4262** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **28.5325, 56.6884, 10.6691**, and the grayscale version is **9.9490, 10.4671, 11.3987**.

A 20% lighter version of the original color is **63.6577, 37.2154, 98.4359**, and **21.4730, 10.4794, 27.6790** is the 20% darker color. If you saturate the color by 10%, you get **43.0583, 20.9931, 56.4234**, and if you desaturate by 10%, it is **43.7203, 21.7493, 58.3942**.

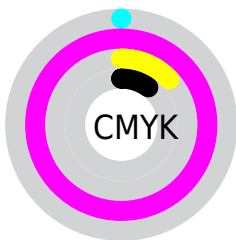
Distribution



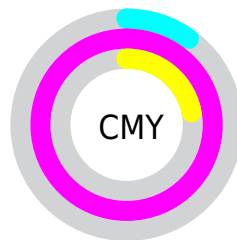
- Red (90%)
- Green (0%)
- Blue (78%)



- Red (90%)
- Yellow (0%)
- Blue (78%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0585, 20.9931, 56.4262 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 43.0585, 20.9931, 56.4262 by changing the saturation by 10% instead.

 43.0585, 20.9931,
56.4262

 43.0585, 20.9931,
56.4262

349.7697,
257.2418, 428.7291

 30.1257, 13.1190,
40.1385

 79.0543, 45.0761,
101.1195


 20.0826, 7.5105,
27.3319


 102.8480, 62.0536,
130.3620


 12.5637, 3.7834,
17.5880


 130.9928, 82.8345,
164.7600

 7.2037, 1.5531,
10.4882

 163.8540,
107.8031, 204.7318

 3.6373, 0.3257,
5.6140

 201.7969,
137.3437, 250.6961

 1.4991, 0.0000,
2.5469

 245.1869,

 0.3252, 0.0000,

171.8407, 303.0714

0.8648

294.3894,
211.6787, 362.2762

■ 0.0000, 0.0000,
0.0000

■ 43.0585, 20.9931,
56.4262

■ 43.0585, 20.9931,
56.4262

■ 43.0583, 20.9931,
56.4234

■ 43.7203, 21.7493,
58.3942

■ 44.7528, 23.2365,
60.5198

■ 46.2729, 25.6877,
62.8423

■ 48.3480, 29.2378,
65.3843

■ 51.0348, 34.0000,
68.1650

■ 54.3830, 40.0735,
71.2009

■ 58.4369, 47.5473,
74.5073

■ 63.2374, 56.5026,
78.0977

■ 68.8217, 67.0143,
81.9848

Harmonies

Analogous

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



33.0179, 20.9931, 106.4068



43.0585, 20.9931, 56.4262



46.2474, 20.9931, 18.9301

Triad

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



43.0585, 20.9931, 56.4262



18.5300, 20.9931, 0.0000



7.8297, 20.9931, 70.6995

Complementary

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



43.0585, 20.9931, 56.4262



28.5325, 56.6884, 10.6691

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.



6.1804, 20.9931, 27.2946



43.0585, 20.9931, 56.4262



10.8893, 20.9931, 0.8161

Square

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



43.0585, 20.9931, 56.4262



29.6083, 20.9931, 0.3098



7.0737, 20.9931, 6.2341



12.6650, 20.9931, 118.4823

Rectangle

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



43.0585, 20.9931, 56.4262



43.3900, 20.9931, 6.7597



7.0737, 20.9931, 6.2341



6.9750, 20.9931, 54.2340

Sweetspot

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



43.0593, 20.9942, 56.4266



73.7445, 59.8939, 94.0760



14.7320, 5.9453, 75.2348



15.2969, 11.9180, 19.7484



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.



43.0593, 20.9942, 56.4266



54.3890, 26.5196, 71.1718



34.4033, 17.5318, 10.8447



14.9099, 14.5812, 17.7262



24.4093, 11.8980, 32.1142



1.8264, 0.8883, 2.4924

Inverse Universe

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



43.0593, 20.9942, 56.4266



54.3890, 26.5196, 71.1718



33.1687, 58.5430, 35.0834



14.9099, 14.5812, 17.7262



24.4093, 11.8980, 32.1142



1.8264, 0.8883, 2.4924

Previews

White Background



This preview shows how the XYZ color 43.0585, 20.9931, 56.4262 looks on a white background.

Color Contrast Check

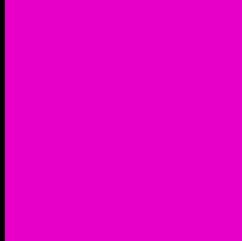
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0585, 20.9931, 56.4262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

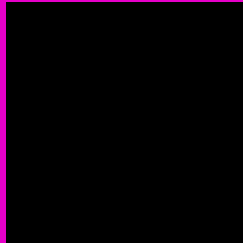
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.0585, 20.9931, 56.4262

Background



This preview shows how black text looks on a background with the XYZ color 43.0585, 20.9931, 56.4262.



This preview shows how white text looks on a background with the XYZ color 43.0585, 20.9931,

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

43.0585, 20.9931, 56.4262

Protanopia

26.0944, 22.0666, 97.4917

Deuteranopia

22.2600, 21.6931, 50.5909



Tritanopia

33.5707, 21.2766, 10.5210

Trichromacy



Original Color

43.0585, 20.9931, 56.4262



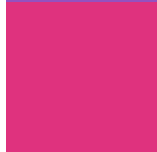
Protanomaly

23.9757, 14.7783, 80.1861



Deuteranomaly

24.8513, 16.0802, 51.6632



Tritanomaly

35.3379, 19.4755, 21.6353

Monochromacy



Original Color

43.0585, 20.9931, 56.4262



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

16.8160, 10.5174, 22.6165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0585, 20.9931, 56.4262 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(230, 0, 200)` looks like.

```
.text, #text, p{  
    color:rgb(230, 0, 200)  
}
```

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(230, 0, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 200) }
```

Border

The CSS property to change the border of an element to XYZ 43.0585, 20.9931, 56.4262 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(230, 0, 200) }
```


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

```
.border{ border-color:rgb(230, 0, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 0, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 0, 200);  
box-shadow:4px 4px 4px 4px rgb(230, 0,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0585, 20.9931, 56.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 0, 200) }
```

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

```
.background{ background-color: rgb(230, 0,  
200) }
```

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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