

Converting Colors

XYZ(51.1107, 24.7943, 72.6130)

Have a look what the booklet for
XYZ(51.1107, 24.7943, 72.6130)
contains.

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Color

**XYZ(51.1107, 24.7943,
72.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	F500E0
RGB	245, 0, 224
RGB Percent	96%, 0%, 88%
CMY	0.0392, 0.9998, 0.1216
CMYK	0.00, 1.00, 0.09, 0.04
HSL	305°, 100%, 48%
HSV	305°, 100%, 96%
XYZ	51.1107, 24.7943, 72.6130
YIQ	98.7910, 74.1160, 121.6040

Conversions

Conversions Part 2

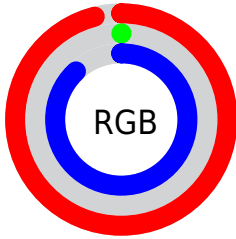
Format	Color
R_{YB}	245, 0, 224
Decimal	16056544
CIE _{Lab}	56.87, 92.48, -49.09
CIE _{LCh}	57, 104.702, 332.040
Yxy	24.7943, 0.3441, 0.1669
Android (android.graphics.Color)	4294246624 (0xFFFF500E0)
YUV	98.7910, 61.7280, 128.2253
Hunter-Lab	49.7939, 96.0812, -51.6052

Details

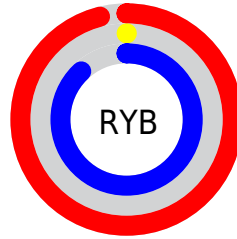
The XYZ color **51.1107, 24.7943, 72.6130** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **32.7891, 65.3600, 11.5994**, and the grayscale version is **11.6512, 12.2579, 13.3489**.

A 20% lighter version of the original color is **64.0414, 37.9827, 98.5638**, and **26.8350, 13.0175, 38.1441** is the 20% darker color. If you saturate the color by 10%, you get **51.1106, 24.7943, 72.6104**, and if you desaturate by 10%, it is **51.7359, 25.5852, 74.2358**.

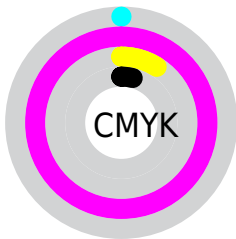
Distribution



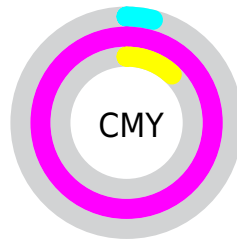
- Red (96%)
- Green (0%)
- Blue (88%)



- Red (96%)
- Yellow (0%)
- Blue (88%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1107, 24.7943, 72.6130 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 51.1107, 24.7943, 72.6130 by changing the saturation by 10% instead.

 51.1107, 24.7943,
72.6130


 51.1107, 24.7943,
72.6130


381.3743,
276.8120, 488.7072


 36.5181, 15.9239,
53.1697


 91.0004, 51.3233,
124.6435

 25.0066, 9.4703,
37.5496


 117.0282, 69.7507,
158.0677


 16.2107, 5.0492,
25.3342


 147.5985, 92.1325,
196.9893

 9.7652, 2.2762,
16.1049

 183.0766,
118.8532, 241.8269

 5.3046, 0.7610,
9.4433

 223.8279,
150.2970, 292.9989

 2.4637, 0.0000,
4.9307

270.2177,

 0.8770, 0.0000,

186.8485, 350.9240

2.1486

322.6114,
228.8921, 416.0205

■ 0.0000, 0.0000,
0.6445

■ 0.0000, 0.0000,
0.0000

■ 51.1107, 24.7943,
72.6130

■ 51.1107, 24.7943,
72.6130

■ 51.1106, 24.7943,
72.6104

■ 51.7359, 25.5852,
74.2358

■ 52.7884, 27.2259,
76.0183

■ 54.4006, 29.9801,
78.0049

■ 56.6514, 34.0060,
80.2218

■ 59.6071, 39.4360,
82.6914

■ 63.3258, 46.3862,
85.4329

■ 67.8594, 54.9604,
88.4638

■ 73.2552, 65.2533,
91.7999

■ 79.5570, 77.3525,
95.4559

Harmonies

Analogous

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



38.4090, 24.7943, 134.1336



51.1107, 24.7943, 72.6130



55.8329, 24.7943, 24.6650

Triad

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



51.1107, 24.7943, 72.6130



22.7373, 24.7943, 0.0000



8.7029, 24.7943, 80.9615

Complementary

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



51.1107, 24.7943, 72.6130



32.7891, 65.3600, 11.5994

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.



6.9895, 24.7943, 29.4711



51.1107, 24.7943, 72.6130



13.1449, 24.7943, 0.6506

Square

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



51.1107, 24.7943, 72.6130



36.4318, 24.7943, 0.3901



8.2782, 24.7943, 6.1066



14.1542, 24.7943, 141.2508

Rectangle

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



51.1107, 24.7943, 72.6130



52.8536, 24.7943, 8.7650



8.2782, 24.7943, 6.1066



7.7766, 24.7943, 61.0674

Sweetspot

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



51.1117, 24.7955, 72.6135



74.2719, 60.1049, 96.8533



16.7800, 6.7472, 86.8049



15.4249, 11.9692, 20.4221



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.



51.1117, 24.7955, 72.6135



55.9677, 27.1511, 79.4852



40.0608, 20.3752, 14.4207



17.1487, 16.7424, 20.5299



27.5599, 13.3674, 39.2526



2.4400, 1.1819, 3.5432

Inverse Universe

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



51.1117, 24.7955, 72.6135



55.9677, 27.1511, 79.4852



37.6064, 67.2870, 36.9672



17.1487, 16.7424, 20.5299



27.5599, 13.3674, 39.2526



2.4400, 1.1819, 3.5432

Previews

White Background



This preview shows how the XYZ color 51.1107, 24.7943, 72.6130 looks on a white background.

Color Contrast Check

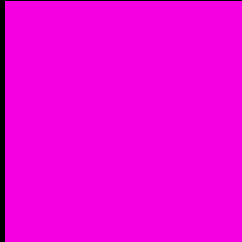
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1107, 24.7943, 72.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

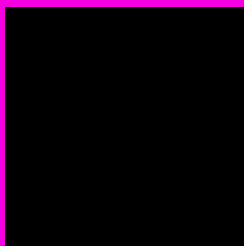
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 51.1107, 24.7943, 72.6130

Background



This preview shows how black text looks on a background with the XYZ color 51.1107, 24.7943, 72.6130.



This preview shows how white text looks on a background with the XYZ color 51.1107, 24.7943,

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

51.1107, 24.7943, 72.6130

Protanopia

29.3228, 25.6867, 98.0203

Deuteranopia

26.0580, 25.3692, 64.4961



Tritanopia

38.7442, 24.9256, 13.1250

Trichromacy



Original Color

51.1107, 24.7943, 72.6130



Protanomaly

29.7310, 18.2629, 87.5460



Deuteranomaly

29.0004, 18.5927, 66.3502



Tritanomaly

41.1469, 22.7560, 27.4230

Monochromacy



Original Color

51.1107, 24.7943, 72.6130



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

19.7604, 12.2440, 27.7074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1107, 24.7943, 72.6130 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(245, 0, 224)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 224)  
}
```

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(245, 0, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 224) }
```

Border

The CSS property to change the border of an element to XYZ 51.1107, 24.7943, 72.6130 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(245, 0, 224) }
```


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

```
.border{ border-color:rgb(245, 0, 224) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 224);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1107, 24.7943, 72.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 224) }
```

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

```
.background{ background-color: rgb(245, 0,  
224) }
```

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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