

Converting Colors

XYZ(55.6891, 30.1947, 97.5008)

Have a look what the booklet for
XYZ(55.6891, 30.1947, 97.5008)
contains.

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Color

**XYZ(55.6924, 30.1622,
97.4943)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EE49FF |
| RGB | 238, 73, 255 |
| RGB Percent | 93%, 29%, 100% |
| CMY | 0.0667, 0.7137, 0.0000 |
| CMYK | 0.07, 0.71, 0.00, 0.00 |
| HSL | 294°, 100%, 64% |
| HSV | 294°, 71%, 100% |
| XYZ | 55.6924, 30.1622, 97.4943 |
| YIQ | 143.0830, 39.9180, 91.5820 |

Conversions

Conversions Part 2

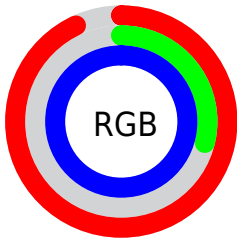
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 238, 73, 255 |
| Decimal | 15616511 |
| CIE Lab | 61.79, 83.08, -58.64 |
| CIE LCh | 62, 101.690, 324.784 |
| Yxy | 30.1622, 0.3038, 0.1645 |
| Android (android.graphics.Color) | 4293806591 (0xFFEE49FF) |
| YUV | 143.0830, 55.1751, 83.2422 |
| Hunter-Lab | 54.9201, 84.8998, -66.8076 |

Details

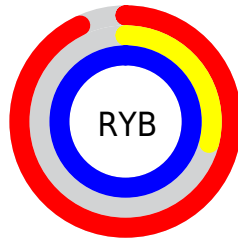
The XYZ color **55.6924, 30.1622, 97.4943** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **41.1798, 74.1751, 18.4514**, and the grayscale version is **25.9188, 27.2686, 29.6955**.

A 20% lighter version of the original color is **67.9540, 45.8079, 99.8680**, and **28.4381, 13.4962, 53.9295** is the 20% darker color. If you saturate the color by 10%, you get **53.5530, 27.0617, 97.0086**, and if you desaturate by 10%, it is **58.5308, 34.6430, 98.2096**.

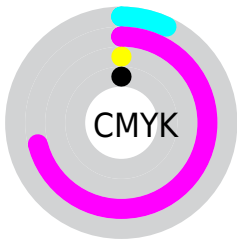
Distribution



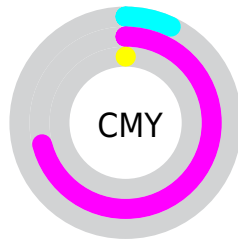
- Red (93%)
- Green (29%)
- Blue (100%)



- Red (93%)
- Yellow (29%)
- Blue (100%)



- Cyan (7%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6924, 30.1622, 97.4943 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 55.6924, 30.1622, 97.4943 by changing the saturation by 10% instead.


 55.6924, 30.1622,
97.4943


 55.6924, 30.1622,
97.4943

398.6251,
302.6598, 573.3068

 40.1924, 19.9617,
73.6044

 97.6971, 59.9186,
159.7312


 27.8735, 12.3672,
53.9755


 124.9325, 80.2433,
198.9153

 18.3703, 6.9943,
38.1890


 156.8104,
104.7116, 244.0345

 11.3174, 3.4585,
25.8265

 193.6962,
133.7078, 295.5075

 6.3496, 1.3755,
16.4693

235.9552,
167.6163, 353.7526

 3.1015, 0.1986,
9.6989

283.9528,

 1.2077, 0.0000,

206.8215, 419.1885

5.0968

338.0543,
251.7079, 492.2337

■ 0.1124, 0.0000,
2.2444

■ 0.0000, 0.0000,
0.6998

■ 55.6924, 30.1622,
97.4943

■ 55.6924, 30.1622,
97.4943

■ 53.5530, 27.0617,
97.0086

■ 58.5308, 34.6430,
98.2096

■ 52.0192, 25.1579,
96.7220

■ 62.1397, 40.6500,
99.1789

■ 51.0641, 24.2394,
96.5950

■ 66.5853, 48.3146,
100.4240

■ 71.9258, 57.7531,
101.9643

■ 78.2142, 69.0713,
103.8175

■ 85.4990, 82.3666,
105.9998

■ 93.8259, 97.7298,
108.5263

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



41.0506, 30.1622, 158.0508



55.6924, 30.1622, 97.4943



63.2766, 30.1622, 40.1116

Triad

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



55.6924, 30.1622, 97.4943



31.1055, 30.1622, 0.3686



10.9098, 30.1622, 75.1602

Complementary

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



55.6924, 30.1622, 97.4943



41.1798, 74.1751, 18.4514

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.



9.7488, 30.1622, 26.5077



55.6924, 30.1622, 97.4943



19.0658, 30.1622, 0.9943

Square

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



55.6924, 30.1622, 97.4943



46.4926, 30.1622, 1.8106



12.2031, 30.1622, 5.8543



16.1046, 30.1622, 139.4723

Rectangle

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



55.6924, 30.1622, 97.4943



62.0046, 30.1622, 17.2306



12.2031, 30.1622, 5.8543



10.1215, 30.1622, 55.8274

Sweetspot

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



55.6935, 30.1635, 97.4945



78.4655, 69.5271, 103.8922



24.5569, 16.1543, 96.4315



16.4001, 14.1670, 22.1201



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.



55.6935, 30.1635, 97.4945



52.7737, 26.0438, 96.8532



52.0875, 29.4118, 47.2977



18.6156, 18.2091, 22.7835



26.7509, 12.7011, 50.4762



2.6514, 1.2608, 4.9169

Inverse Universe

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



45.4687, 26.7643, 12.4436



42.5801, 22.7910, 5.9197



43.6813, 75.0060, 39.2897



18.0783, 18.0146, 19.0293



21.6569, 11.1520, 1.5775



2.1308, 1.0947, 0.2700

Previews

White Background



This preview shows how the XYZ color 55.6924, 30.1622, 97.4943 looks on a white background.

Color Contrast Check

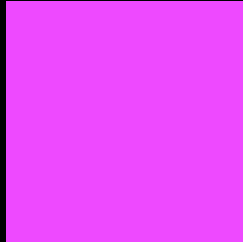
Large Text (above 18pt) WCAG AA × Fail

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 55.6924, 30.1622, 97.4943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

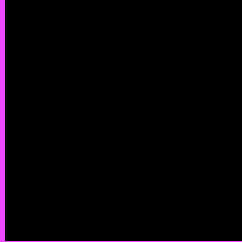
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6924, 30.1622, 97.4943

Background



This preview shows how black text looks on a background with the XYZ color 55.6924, 30.1622, 97.4943.



This preview shows how white text looks on a background with the XYZ color 55.6924, 30.1622,

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

55.6924, 30.1622, 97.4943

Protanopia

33.5844, 30.4871, 98.7222

Deuteranopia

31.4976, 30.5591, 89.0324



Tritanopia

40.2514, 29.7585, 23.3612

Trichromacy



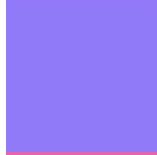
Original Color

55.6924, 30.1622, 97.4943



Protanomaly

37.2245, 26.8977, 97.8376



Deuteranomaly

35.4251, 26.6542, 91.2734



Tritanomaly

44.1914, 28.8185, 42.7685

Monochromacy



Original Color

55.6924, 30.1622, 97.4943



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

33.4903, 25.8825, 48.5781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6924, 30.1622, 97.4943 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(238, 73, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 73, 255)  
}
```

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(238, 73, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 73, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.6924, 30.1622, 97.4943 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(238, 73, 255) }
```


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

```
.border{ border-color:rgb(238, 73, 255) }
```

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

Here you see how a box with a 4 pixel rgb(238, 73, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 73, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 73, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 73,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6924, 30.1622, 97.4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 73, 255) }
```

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

```
.background{ background-color: rgb(238, 73,  
255) }
```

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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