

Converting Colors

XYZ(54.4937, 27.7648, 97.0947)

Have a look what the booklet for
XYZ(54.4937, 27.7648, 97.0947)
contains.

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Color

**XYZ(54.4937, 27.7648,
97.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	EE33FF
RGB	238, 51, 255
RGB Percent	93%, 20%, 100%
CMY	0.0667, 0.8000, 0.0000
CMYK	0.07, 0.80, 0.00, 0.00
HSL	295°, 100%, 60%
HSV	295°, 80%, 100%
XYZ	54.4937, 27.7648, 97.0947
YIQ	130.1690, 45.9680, 103.0880

Conversions

Conversions Part 2

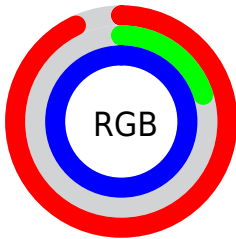
Format	Color
R _{YB}	238, 51, 255
Decimal	15610879
CIE _{Lab}	59.68, 89.19, -62.03
CIE _{LCh}	60, 108.636, 325.181
Y _{xy}	27.7648, 0.3038, 0.1548
Android (android.graphics.Color)	4293800959 (0xFFEE33FF)
YUV	130.1690, 61.5417, 94.5678
Hunter-Lab	52.6923, 92.3908, -72.3675

Details

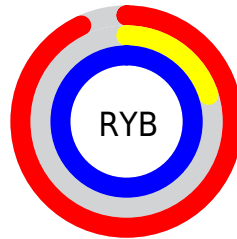
The XYZ color **54.4937, 27.7648, 97.0947** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **38.7422, 72.9883, 15.1794**, and the grayscale version is **21.0578, 22.1545, 24.1262**.

A 20% lighter version of the original color is **66.0065, 41.9129, 99.2188**, and **28.2095, 13.3783, 53.9188** is the 20% darker color. If you saturate the color by 10%, you get **52.9599, 25.7491, 96.7865**, and if you desaturate by 10%, it is **56.6480, 31.0069, 97.6070**.

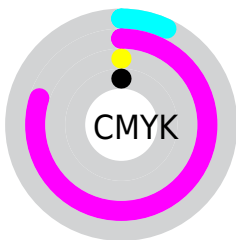
Distribution



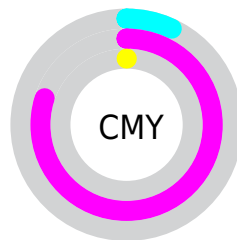
- Red (93%)
- Green (20%)
- Blue (100%)



- Red (93%)
- Yellow (20%)
- Blue (100%)



- Cyan (7%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4937, 27.7648, 97.0947 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 54.4937, 27.7648, 97.0947 by changing the saturation by 10% instead.


 54.4937, 27.7648,
97.0947

 54.4937, 27.7648,
97.0947

394.1576,
291.3413, 572.0042


 39.2287, 18.1484,
73.2731

 95.9514, 56.1087,
159.1757


 27.1192, 11.0566,
53.7061


 122.8749, 75.6051,
198.2723

 17.7999, 6.1049,
37.9752


 154.4152, 99.1635,
243.2976

 10.9052, 2.9090,
25.6618

 190.9378,
127.1685, 294.6702

 6.0699, 1.0844,
16.3473

 232.8079,
160.0043, 352.8086

 2.9287, 0.0000,
9.6132

280.3911,

 1.1162, 0.0000,

198.0555, 418.1314

5.0410

334.0525,
241.7064, 491.0570

■ 0.0386, 0.0000,
2.2122

■ 0.0000, 0.0000,
0.6814

■ 54.4937, 27.7648,
97.0947

■ 54.4937, 27.7648,
97.0947

■ 52.9599, 25.7491,
96.7865

■ 56.6480, 31.0069,
97.6070

■ 51.9005, 24.6707,
96.6342

■ 59.5067, 35.6465,
98.3519

■ 51.9001, 24.6704,
96.6342

■ 63.1444, 41.8313,
99.3539

■ 67.6250, 49.6894,
100.6345

■ 73.0059, 59.3352,
102.2128

■ 79.3393, 70.8735,
104.1061

■ 86.6735, 84.4006,
106.3305

■ 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.



39.2730, 27.7648, 162.9921



54.4937, 27.7648, 97.0947



62.3474, 27.7648, 37.0289

Triad

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



54.4937, 27.7648, 97.0947



28.6672, 27.7648, 0.0000



8.9975, 27.7648, 75.0866

Complementary

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



54.4937, 27.7648, 97.0947



38.7422, 72.9883, 15.1794

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.



7.8708, 27.7648, 24.3208



54.4937, 27.7648, 97.0947



16.6857, 27.7648, 0.3200

Square

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



54.4937, 27.7648, 97.0947



44.4892, 27.7648, 0.9580



10.1225, 27.7648, 4.3642



14.0159, 27.7648, 144.2546

Rectangle

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



54.4937, 27.7648, 97.0947



60.8920, 27.7648, 14.4548



10.1225, 27.7648, 4.3642



8.2457, 27.7648, 54.6306

Sweetspot

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



54.4948, 27.7660, 97.0949



76.6859, 66.0202, 103.3091



21.4834, 12.0594, 95.8031



15.9369, 13.2630, 21.9700



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.



54.4948, 27.7660, 97.0949



52.2902, 25.0358, 96.6841



49.6804, 26.5310, 40.5348



18.6346, 18.2189, 22.7844



27.1812, 12.9229, 50.4963



2.6888, 1.2800, 4.9186

Inverse Universe

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



43.4679, 24.0460, 7.8205



41.5928, 21.5783, 3.2416



41.5701, 74.0018, 35.3875



18.0708, 18.0116, 18.9900



21.6418, 11.1460, 1.4985



2.1272, 1.0933, 0.2514

Previews

White Background



This preview shows how the XYZ color 54.4937, 27.7648, 97.0947 looks on a white background.

Color Contrast Check

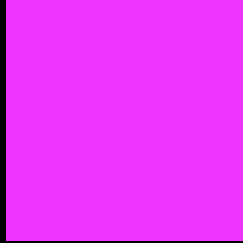
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.4937, 27.7648, 97.0947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

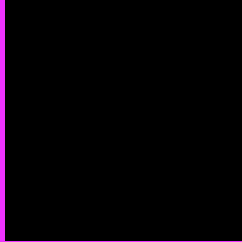
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 54.4937, 27.7648, 97.0947

Background



This preview shows how black text looks on a background with the XYZ color 54.4937, 27.7648, 97.0947.



This preview shows how white text looks on a background with the XYZ color 54.4937, 27.7648,

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

54.4937, 27.7648, 97.0947

Protanopia

31.4526, 28.0509, 98.3644

Deuteranopia

29.0632, 28.1795, 87.1265



Tritanopia

38.3337, 27.3582, 19.7833

Trichromacy



Original Color

54.4937, 27.7648, 97.0947



Protanomaly

34.7403, 23.7848, 97.3676



Deuteranomaly

32.4723, 23.2569, 89.9663



Tritanomaly

42.0618, 25.9373, 39.3487

Monochromacy



Original Color

54.4937, 27.7648, 97.0947



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

28.7537, 20.8375, 43.0640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4937, 27.7648, 97.0947 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, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 51, 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, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 51, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.4937, 27.7648, 97.0947 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, 51, 255) }
```


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

```
.border{ border-color:rgb(238, 51, 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, 51, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 51,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4937, 27.7648, 97.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 51, 255) }
```

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

```
.background{ background-color: rgb(238, 51,  
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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