

Converting Colors

XYZ(54.0660, 31.3411, 97.8076)

Have a look what the booklet for
XYZ(54.0660, 31.3411, 97.8076)
contains.

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Color

**XYZ(54.1042, 31.3602,
97.8093)**

Conversions

Conversions Part 1

Format	Color
Hex	E55BFF
RGB	229, 91, 255
RGB Percent	90%, 36%, 100%
CMY	0.1020, 0.6431, 0.0000
CMYK	0.10, 0.64, 0.00, 0.00
HSL	290°, 100%, 68%
HSV	290°, 64%, 100%
XYZ	54.1042, 31.3602, 97.8093
YIQ	150.9580, 29.6040, 80.2600

Conversions

Conversions Part 2

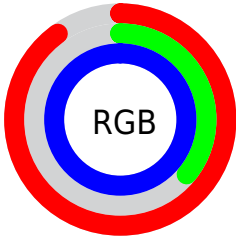
Format	Color
R _Y B	229, 91, 255
Decimal	15031295
CIE Lab	62.81, 74.68, -57.10
CIE LCh	63, 94.007, 322.601
Yxy	31.3602, 0.2952, 0.1711
Android (android.graphics.Color)	4293221375 (0xFFE55BFF)
YUV	150.9580, 51.2927, 68.4428
Hunter-Lab	56.0002, 74.4563, -64.3551

Details

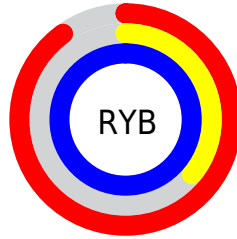
The XYZ color **54.1042, 31.3602, 97.8093** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **44.9852, 76.0576, 22.2084**, and the grayscale version is **29.1777, 30.6972, 33.4293**.

A 20% lighter version of the original color is **70.0374, 49.9749, 100.5625**, and **26.8885, 13.0430, 53.9237** is the 20% darker color. If you saturate the color by 10%, you get **51.0082, 27.0600, 97.1424**, and if you desaturate by 10%, it is **57.9727, 37.1588, 98.7246**.

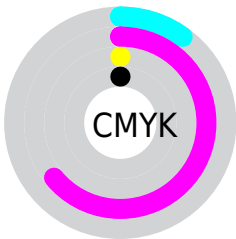
Distribution



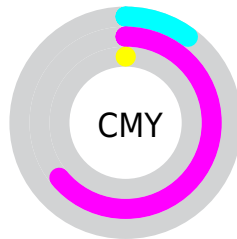
- Red (90%)
- Green (36%)
- Blue (100%)



- Red (90%)
- Yellow (36%)
- Blue (100%)



- Cyan (10%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1042, 31.3602, 97.8093 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 54.1042, 31.3602, 97.8093 by changing the saturation by 10% instead.


 54.1042, 31.3602,
97.8093


 54.1042, 31.3602,
97.8093

392.6991,
308.1943, 574.3326

 38.9160, 20.8733,
73.8656

 95.3832, 61.8067,
160.1689

 26.8748, 13.0314,
54.1879


 122.2047, 82.5351,
199.4219

 17.6153, 7.4502,
38.3577

 153.6347,
107.4462, 244.6151

 10.7722, 3.7452,
25.9565

 190.0385,
136.9242, 296.1670

 5.9800, 1.5321,
16.5656

231.7815,
171.3536, 354.4961

 2.8735, 0.3111,
9.7666

279.2290,

 1.0872, 0.0000,

211.1189, 420.0211

5.1409

332.7464,
256.6043, 493.1604

■ 0.0144, 0.0000,
2.2700

■ 0.0000, 0.0000,
0.7143

■ 54.1042, 31.3602,
97.8093

■ 54.1042, 31.3602,
97.8093

■ 51.0082, 27.0600,
97.1424

■ 57.9727, 37.1588,
98.7246

■ 48.6026, 24.0971,
96.6973

■ 62.6780, 44.5872,
99.9104

■ 46.7920, 22.2804,
96.4421

■ 68.2814, 53.7666,
101.3869

■ 45.9497, 21.6028,
96.3557

■ 74.8375, 64.8059,
103.1722

82.3962, 77.8046,
105.2828

91.0040, 92.8557,
107.7343

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.



40.3644, 31.3602, 150.2587



54.1042, 31.3602, 97.8093



61.6971, 31.3602, 44.1094

Triad

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



54.1042, 31.3602, 97.8093



33.1085, 31.3602, 1.0564



12.3011, 31.3602, 69.2657

Complementary

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



54.1042, 31.3602, 97.8093



44.9852, 76.0576, 22.2084

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.



11.3856, 31.3602, 25.8086



54.1042, 31.3602, 97.8093



21.2724, 31.3602, 1.6104

Square

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



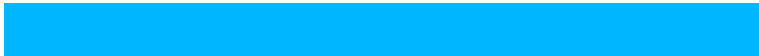
54.1042, 31.3602, 97.8093



47.5041, 31.3602, 3.1196



14.1534, 31.3602, 6.6557



17.1620, 31.3602, 127.0597

Rectangle

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



54.1042, 31.3602, 97.8093



61.0658, 31.3602, 20.9009



14.1534, 31.3602, 6.6557



11.5922, 31.3602, 52.0582

Sweetspot

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



54.1054, 31.3615, 97.8094



78.7244, 71.4602, 104.2517



28.8832, 22.4811, 97.4247



16.3946, 14.5135, 22.1872



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.



54.1054, 31.3615, 97.8094



50.2971, 26.1391, 97.0021



55.4461, 32.9290, 58.2828



18.4932, 18.1460, 22.7778



24.1156, 11.3425, 50.3529



2.4206, 1.1418, 4.9061

Inverse Universe

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



48.1927, 30.0276, 20.0865



44.6220, 25.0865, 12.1135



45.2376, 75.8095, 39.3083



18.1268, 18.0340, 19.2847



21.7872, 11.2042, 2.2640



2.1535, 1.1038, 0.3898

Previews

White Background



This preview shows how the XYZ color 54.1042, 31.3602, 97.8093 looks on a white background.

Color Contrast Check

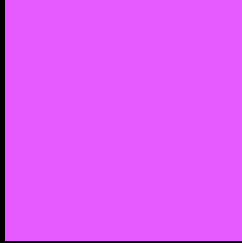
Large Text (above 18pt) WCAG AA × Fail

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 54.1042, 31.3602, 97.8093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

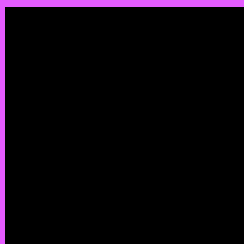
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1042, 31.3602, 97.8093

Background



This preview shows how black text looks on a background with the XYZ color 54.1042, 31.3602, 97.8093.



This preview shows how white text looks on a background with the XYZ color 54.1042, 31.3602,

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

54.1042, 31.3602, 97.8093

Protanopia

34.7413, 31.7791, 98.9106

Deuteranopia

32.5944, 31.5848, 89.9665



Tritanopia

39.4739, 31.1025, 27.2154

Trichromacy



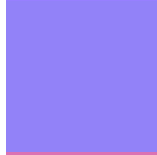
Original Color

54.1042, 31.3602, 97.8093



Protanomaly

38.5317, 29.2377, 98.2203



Deuteranomaly

36.7800, 28.8536, 92.4377



Tritanomaly

43.3674, 30.3494, 46.2201

Monochromacy



Original Color

54.1042, 31.3602, 97.8093



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

35.6260, 28.9583, 51.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1042, 31.3602, 97.8093 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(229, 91, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 91, 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(229, 91, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 91, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1042, 31.3602, 97.8093 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(229, 91, 255) }
```


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

```
.border{ border-color:rgb(229, 91, 255) }
```

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

Here you see how a box with a 4 pixel rgb(229, 91, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 91, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 91, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 91,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1042, 31.3602, 97.8093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 91, 255) }
```

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

```
.background{ background-color: rgb(229, 91,  
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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