

Converting Colors

XYZ(59.4684, 31.2869, 89.4859)

Have a look what the booklet for
XYZ(59.4684, 31.2869, 89.4859)
contains.

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Color

**XYZ(59.4441, 31.2978,
89.2942)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3EF5
RGB	255, 62, 245
RGB Percent	100%, 24%, 96%
CMY	0.0000, 0.7568, 0.0392
CMYK	0.00, 0.76, 0.04, 0.00
HSL	303°, 100%, 62%
HSV	303°, 76%, 100%
XYZ	59.4441, 31.2978, 89.2942
YIQ	140.5690, 56.2850, 97.8290

Conversions

Conversions Part 2

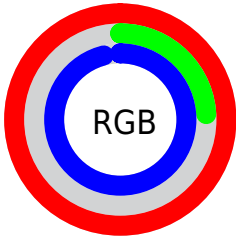
Format	Color
R _{YB}	255, 62, 245
Decimal	16727797
CIE _{Lab}	62.76, 88.11, -51.42
CIE _{LCh}	63, 102.018, 329.736
Yxy	31.2978, 0.3302, 0.1738
Android (android.graphics.Color)	4294917877 (0xFFFF3EF5)
YUV	140.5690, 51.4845, 100.3560
Hunter-Lab	55.9444, 91.7635, -55.4730

Details

The XYZ color **59.4441, 31.2978, 89.2942** 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 **38.9173, 73.0125, 18.1742**, and the grayscale version is **24.9409, 26.2398, 28.5752**.

A 20% lighter version of the original color is **67.1403, 44.1805, 99.5968**, and **31.3252, 15.1002, 48.8406** is the 20% darker color. If you saturate the color by 10%, you get **58.1669, 29.0650, 87.8772**, and if you desaturate by 10%, it is **61.3736, 34.8329, 90.9366**.

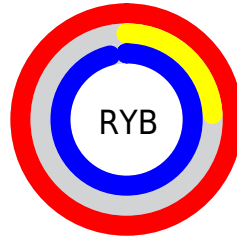
Distribution



Red (100%)

Green (24%)

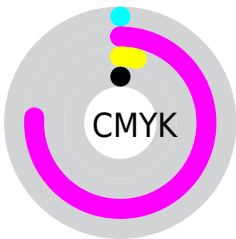
Blue (96%)



Red (100%)

Yellow (24%)

Blue (96%)

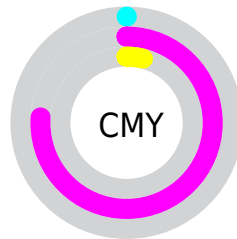


Cyan (0%)

Magenta (76%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (76%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4441, 31.2978, 89.2942 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 59.4441, 31.2978, 89.2942 by changing the saturation by 10% instead.


 59.4441, 31.2978,
89.2942


 59.4441, 31.2978,
89.2942

412.4133,
307.9079, 546.2430


 43.2185, 20.8257,
66.8250

 103.1338, 61.7086,
148.2846

 30.2518, 12.9967,
48.4817


 131.3285, 82.4162,
185.6428


 20.1788, 7.4263,
33.8458


 164.2437,
107.3043, 228.8011

 12.6341, 3.7301,
22.4988

 202.2447,
136.7574, 278.1781

 7.2523, 1.5237,
14.0220

 245.6968,
171.1600, 334.1922

 3.6681, 0.3054,
7.9971

294.9653,

 1.5162, 0.0000,

210.8963, 397.2620

4.0053

350.4157,
256.3508, 467.8061

■ 0.3368, 0.0000,
1.6283

■ 0.0000, 0.0000,
0.3109

■ 59.4441, 31.2978,
89.2942

■ 59.4441, 31.2978,
89.2942

■ 58.1669, 29.0650,
87.8772

■ 61.3736, 34.8329,
90.9366

■ 57.4406, 27.9319,
86.6505

■ 64.0342, 39.8277,
92.8293

■ 57.2351, 27.6580,
86.1591

■ 67.4952, 46.4210,
94.9960

■ 71.8174, 54.7346,
97.4570

■ 77.0560, 64.8784,
100.2305

■ 83.2612, 76.9533,
103.3335

■ 90.4798, 91.0527,
106.7815

■ 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.



45.1313, 31.2978, 153.7400



59.4441, 31.2978, 89.2942



65.4329, 31.2978, 34.4328

Triad

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



59.4441, 31.2978, 89.2942



29.8713, 31.2978, 0.4326



12.0084, 31.2978, 88.1351

Complementary

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



59.4441, 31.2978, 89.2942



38.9173, 73.0125, 18.1742

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.



10.1810, 31.2978, 33.7256



59.4441, 31.2978, 89.2942



18.3295, 31.2978, 1.4318

Square

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



59.4441, 31.2978, 89.2942



45.4143, 31.2978, 1.4749



12.0760, 31.2978, 8.1754



18.1751, 31.2978, 152.7766

Rectangle

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



59.4441, 31.2978, 89.2942



62.8048, 31.2978, 14.1647



12.0760, 31.2978, 8.1754



10.9713, 31.2978, 67.1519

Sweetspot

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



59.4447, 31.2990, 89.2948



78.6235, 67.9238, 101.0298



22.4204, 12.0310, 95.7483



16.3803, 13.6675, 21.3953



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.



59.4447, 31.2990, 89.2948



57.7195, 28.3405, 87.2036



48.3765, 26.8717, 31.0104



18.7496, 18.2832, 22.5646



29.9243, 14.4590, 45.1132



2.9256, 1.4126, 4.4556

Inverse Universe

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



59.4447, 31.2990, 89.2948



57.7195, 28.3405, 87.2036



44.8295, 75.3774, 49.3079



18.7496, 18.2832, 22.5646



29.9243, 14.4590, 45.1132



2.9256, 1.4126, 4.4556

Previews

White Background



This preview shows how the XYZ color 59.4441, 31.2978, 89.2942 looks on a white background.

Color Contrast Check

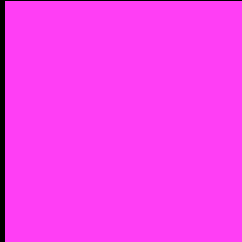
Large Text (above 18pt) WCAG AA × Fail

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 59.4441, 31.2978, 89.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

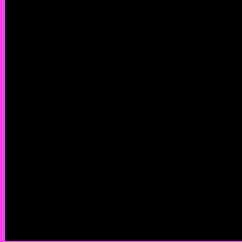
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4441, 31.2978, 89.2942

Background



This preview shows how black text looks on a background with the XYZ color 59.4441, 31.2978, 89.2942.



This preview shows how white text looks on a background with the XYZ color 59.4441, 31.2978,

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

59.4441, 31.2978, 89.2942

Protanopia

34.6231, 31.7181, 98.9051

Deuteranopia

32.3142, 31.4042, 80.7024



Tritanopia

44.9552, 30.9224, 20.4288

Trichromacy



Original Color

59.4441, 31.2978, 89.2942



Protanomaly

38.2711, 27.1612, 94.4923



Deuteranomaly

37.1927, 27.2006, 83.4107



Tritanomaly

48.5340, 29.9275, 38.3405

Monochromacy



Original Color

59.4441, 31.2978, 89.2942



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

33.2223, 24.7881, 45.6814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4441, 31.2978, 89.2942 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(255, 62, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 245)  
}
```

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(255, 62, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 245) }
```

Border

The CSS property to change the border of an element to XYZ 59.4441, 31.2978, 89.2942 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(255, 62, 245) }
```


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

```
.border{ border-color:rgb(255, 62, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 62, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4441, 31.2978, 89.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 245) }
```

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

```
.background{ background-color: rgb(255, 62,  
245) }
```

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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