

Converting Colors

XYZ(60.9614, 33.3403, 92.8589)

Have a look what the booklet for
XYZ(60.9614, 33.3403, 92.8589)
contains.

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Color

**XYZ(60.9928, 33.4073,
92.8561)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4DF9
RGB	255, 77, 249
RGB Percent	100%, 30%, 98%
CMY	0.0000, 0.6980, 0.0235
CMYK	0.00, 0.70, 0.02, 0.00
HSL	302°, 100%, 65%
HSV	302°, 70%, 100%
XYZ	60.9928, 33.4073, 92.8561
YIQ	149.8300, 50.8760, 91.2280

Conversions

Conversions Part 2

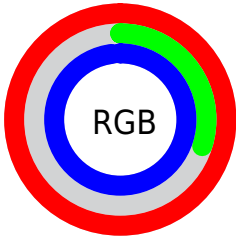
Format	Color
R _Y B	255, 77, 249
Decimal	16731641
CIE _{Lab}	64.49, 84.33, -50.89
CIE _{LCh}	64, 98.497, 328.893
Y _{xy}	33.4073, 0.3257, 0.1784
Android (android.graphics.Color)	4294921721 (0xFFFF4DF9)
YUV	149.8300, 48.8908, 92.2341
Hunter-Lab	57.7990, 87.2149, -54.7920

Details

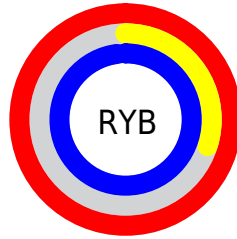
The XYZ color **60.9928, 33.4073, 92.8561** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **40.3829, 73.7228, 20.2868**, and the grayscale version is **28.7036, 30.1984, 32.8861**.

A 20% lighter version of the original color is **68.6681, 47.2362, 100.1060**, and **31.7626, 15.2751, 51.1435** is the 20% darker color. If you saturate the color by 10%, you get **59.4113, 30.4584, 91.6694**, and if you desaturate by 10%, it is **63.2749, 37.7564, 94.2802**.

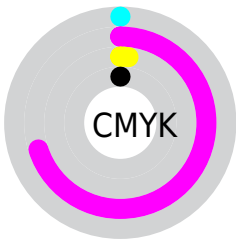
Distribution



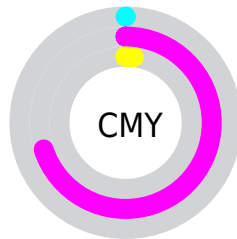
- Red (100%)
- Green (30%)
- Blue (98%)



- Red (100%)
- Yellow (30%)
- Blue (98%)



- Cyan (0%)
- Magenta (70%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9928, 33.4073, 92.8561 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 60.9928, 33.4073, 92.8561 by changing the saturation by 10% instead.


 60.9928, 33.4073,
92.8561

 60.9928, 33.4073,
92.8561


418.0239,
317.4811, 558.0865


 44.4719, 22.4386,
69.7649


 105.3667, 65.0109,
153.2694

 31.2411, 14.1796,
50.8593


 133.9504, 86.4146,
191.4285

 20.9353, 8.2457,
35.7207


 167.2856,
112.0655, 235.4474

 13.1889, 4.2525,
23.9306

 205.7379,
142.3480, 285.7445

 7.6366, 1.8158,
15.0704

249.6725,
177.6464, 342.7384

 3.9132, 0.4970,
8.7216

299.4548,

 1.6531, 0.0000,

218.3451, 406.8477

4.4657

355.4502,
264.8285, 478.4909

■ 0.4267, 0.0000,
1.8842

■ 0.0000, 0.0000,
0.4826

■ 60.9928, 33.4073,
92.8561

■ 60.9928, 33.4073,
92.8561

■ 59.4113, 30.4584,
91.6694

■ 63.2749, 37.7564,
94.2802

■ 58.4416, 28.7320,
90.6892

■ 66.3287, 43.6479,
95.9642

■ 57.9449, 27.9508,
89.8698

■ 70.2187, 51.2109,
97.9299

■ 57.9368, 27.9387,
89.8540

■ 75.0021, 60.5597,
100.1964

■ 80.7311, 71.7987,
102.7812

■ 87.4538, 85.0242,
105.7003

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.



46.6943, 33.4073, 155.0540



60.9928, 33.4073, 92.8561



67.1932, 33.4073, 37.8916

Triad

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



60.9928, 33.4073, 92.8561



32.2779, 33.4073, 0.8886



13.4727, 33.4073, 88.0995

Complementary

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



60.9928, 33.4073, 92.8561



40.3829, 73.7228, 20.2868

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.



11.6624, 33.4073, 34.8992



60.9928, 33.4073, 92.8561



20.3960, 33.4073, 1.9738

Square

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



60.9928, 33.4073, 92.8561



47.8742, 33.4073, 2.1961



13.7698, 33.4073, 9.2396



19.7298, 33.4073, 151.1539

Rectangle

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



60.9928, 33.4073, 92.8561



64.8282, 33.4073, 16.6177



13.7698, 33.4073, 9.2396



12.4230, 33.4073, 67.6599

Sweetspot

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



60.9934, 33.4085, 92.8567



79.9924, 70.3477, 102.4539



24.2666, 14.3653, 96.1015



16.7692, 14.3654, 21.7719



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.



60.9934, 33.4085, 92.8567



58.9352, 29.5957, 91.2345



50.2459, 29.1095, 36.2608



18.7647, 18.2892, 22.6438



30.2850, 14.6033, 47.0128



2.9567, 1.4251, 4.6195

Inverse Universe

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



60.9934, 33.4085, 92.8567



58.9352, 29.5957, 91.2345



46.2616, 76.0743, 51.2437



18.7647, 18.2892, 22.6438



30.2850, 14.6033, 47.0128



2.9567, 1.4251, 4.6195

Previews

White Background



This preview shows how the XYZ color 60.9928, 33.4073, 92.8561 looks on a white background.

Color Contrast Check

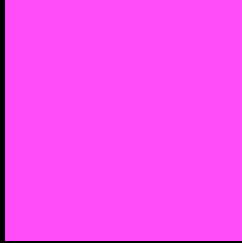
Large Text (above 18pt) WCAG AA × Fail

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 60.9928, 33.4073, 92.8561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

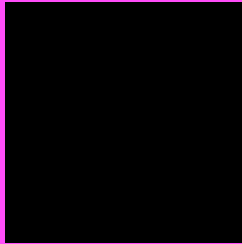
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9928, 33.4073, 92.8561

Background



This preview shows how black text looks on a background with the XYZ color 60.9928, 33.4073, 92.8561.



This preview shows how white text looks on a background with the XYZ color 60.9928, 33.4073,

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

60.9928, 33.4073, 92.8561

Protanopia

36.3807, 33.5799, 99.1718

Deuteranopia

34.6457, 33.7429, 84.8078



Tritanopia

46.5200, 33.1640, 23.6881

Trichromacy



Original Color

60.9928, 33.4073, 92.8561



Protanomaly

40.5803, 29.7584, 96.5336



Deuteranomaly

39.6150, 29.8544, 86.8936



Tritanomaly

50.2070, 32.2336, 42.1036

Monochromacy



Original Color

60.9928, 33.4073, 92.8561



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

36.6849, 28.4025, 50.0031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9928, 33.4073, 92.8561 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, 77, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 249)  
}
```

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, 77, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 249) }
```

Border

The CSS property to change the border of an element to XYZ 60.9928, 33.4073, 92.8561 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, 77, 249) }
```


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

```
.border{ border-color:rgb(255, 77, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 77, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9928, 33.4073, 92.8561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 249) }
```

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

```
.background{ background-color: rgb(255, 77,  
249) }
```

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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