

Converting Colors

XYZ(109.8743, 58.3437,
96.7663)

Have a look what the booklet for
XYZ(109.8743, 58.3437, 96.7663)
contains.

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Color

**XYZ(61.1687, 33.2572,
94.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4BFB
RGB	255, 75, 251
RGB Percent	100%, 29%, 98%
CMY	0.0000, 0.7058, 0.0157
CMYK	0.00, 0.71, 0.02, 0.00
HSL	301°, 100%, 65%
HSV	301°, 71%, 100%
XYZ	61.1687, 33.2572, 94.4621
YIQ	148.8840, 50.7840, 92.8960

Conversions

Conversions Part 2

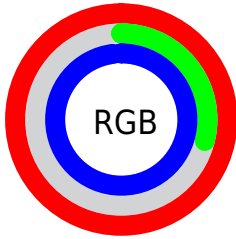
Format	Color
R_{YB}	255, 75, 251
Decimal	16731131
CIE _{Lab}	64.37, 85.27, -52.18
CIE _{LCh}	64, 99.969, 328.534
Yxy	33.2572, 0.3238, 0.1761
Android (android.graphics.Color)	4294921211 (0xFFFF4BFB)
YUV	148.8840, 50.3432, 93.0637
Hunter-Lab	57.6691, 88.4114, -56.7489

Details

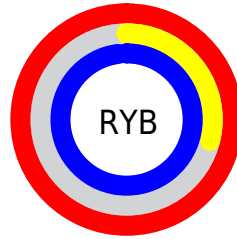
The XYZ color **61.1687, 33.2572, 94.4621** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **40.0739, 73.5808, 19.4891**, and the grayscale version is **28.3005, 29.7743, 32.4242**.

A 20% lighter version of the original color is **68.5226, 46.9452, 100.0575**, and **31.9857, 15.3644, 52.3187** is the 20% darker color. If you saturate the color by 10%, you get **59.6832, 30.4288, 93.5273**, and if you desaturate by 10%, it is **63.3483, 37.4731, 95.6304**.

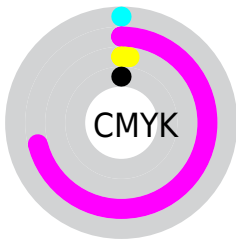
Distribution



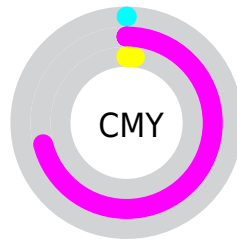
- Red (100%)
- Green (29%)
- Blue (98%)



- Red (100%)
- Yellow (29%)
- Blue (98%)



- Cyan (0%)
- Magenta (71%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1687, 33.2572, 94.4621 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 61.1687, 33.2572, 94.4621 by changing the saturation by 10% instead.


 61.1687, 33.2572,
94.4621

 61.1687, 33.2572,
94.4621


418.6583,
316.8071, 563.3818


 44.6144, 22.3236,
71.0929


 105.6199, 64.7769,
155.5104


 31.3538, 14.0948,
51.9358


 134.2475, 86.1317,
194.0267

 21.0215, 8.1867,
36.5720


 167.6302,
111.7290, 238.4291

 13.2523, 4.2146,
24.5831

 206.1334,
141.9532, 289.1362

 7.6807, 1.7943,
15.5505

250.1225,
177.1888, 346.5664

 3.9414, 0.4836,
9.0558

299.9628,

 1.6690, 0.0000,

217.8200, 411.1384

4.6803

356.0196,
264.2313, 483.2707

■ 0.4368, 0.0000,
2.0055

■ 0.0000, 0.0000,
0.5586

■ 61.1687, 33.2572,
94.4621

■ 61.1687, 33.2572,
94.4621

■ 59.6832, 30.4288,
93.5273

■ 63.3483, 37.4731,
95.6304

■ 58.8013, 28.8074,
92.7946

■ 66.2939, 43.2207,
97.0550

■ 58.3910, 28.1204,
92.2460

■ 70.0706, 50.6301,
98.7579

■ 74.7361, 59.8166,
100.7584

■ 80.3429, 70.8853,
103.0740

■ 86.9394, 83.9331,
105.7208

94.5708, 99.0501,
108.7139

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.



46.5671, 33.2572, 157.9263



61.1687, 33.2572, 94.4621



67.6180, 33.2572, 38.2534

Triad

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



61.1687, 33.2572, 94.4621



32.3152, 33.2572, 0.7722



13.1483, 33.2572, 88.0337

Complementary

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



61.1687, 33.2572, 94.4621



40.0739, 73.5808, 19.4891

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.



11.3861, 33.2572, 34.2435



61.1687, 33.2572, 94.4621



20.2569, 33.2572, 1.7781

Square

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



61.1687, 33.2572, 94.4621



48.1545, 33.2572, 2.0607



13.5422, 33.2572, 8.7735



19.3690, 33.2572, 152.6352

Rectangle

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



61.1687, 33.2572, 94.4621



65.3033, 33.2572, 16.5750



13.5422, 33.2572, 8.7735



12.1152, 33.2572, 67.2743

Sweetspot

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



61.1693, 33.2584, 94.4627



80.0907, 70.3870, 102.9714



23.7093, 13.8734, 96.0360



16.7930, 14.3749, 21.8971



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.



61.1693, 33.2584, 94.4627



59.2253, 29.5759, 93.1808



50.2787, 28.9021, 37.1132



18.7742, 18.2930, 22.6942



30.5185, 14.6967, 48.2421



2.9768, 1.4331, 4.7253

Inverse Universe

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



61.1693, 33.2584, 94.4627



59.2253, 29.5759, 93.1808



45.7306, 75.8435, 49.2769



18.7742, 18.2930, 22.6942



30.5185, 14.6967, 48.2421



2.9768, 1.4331, 4.7253

Previews

White Background



This preview shows how the XYZ color 61.1687, 33.2572, 94.4621 looks on a white background.

Color Contrast Check

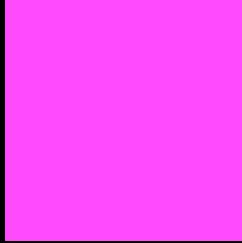
Large Text (above 18pt) WCAG AA × Fail

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 61.1687, 33.2572, 94.4621 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 61.1687, 33.2572, 94.4621

Background



This preview shows how black text looks on a background with the XYZ color 61.1687, 33.2572, 94.4621.



This preview shows how white text looks on a background with the XYZ color 61.1687, 33.2572,

94.4621.

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

61.1687, 33.2572, 94.4621

Protanopia

36.2513, 33.5132, 99.1658

Deuteranopia

34.5387, 33.6538, 86.3368



Tritanopia

46.3386, 32.9040, 23.3108

Trichromacy



Original Color

61.1687, 33.2572, 94.4621



Protanomaly

40.7401, 29.8223, 97.3750



Deuteranomaly

39.4929, 29.7568, 88.4562



Tritanomaly

50.1081, 32.0358, 42.0706

Monochromacy



Original Color

61.1687, 33.2572, 94.4621



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

36.5615, 28.1556, 49.9619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1687, 33.2572, 94.4621 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, 75, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 251)  
}
```

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, 75, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 251) }
```

Border

The CSS property to change the border of an element to XYZ 61.1687, 33.2572, 94.4621 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, 75, 251) }
```


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

```
.border{ border-color:rgb(255, 75, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1687, 33.2572, 94.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 251) }
```

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

```
.background{ background-color: rgb(255, 75,  
251) }
```

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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