

Converting Colors

XYZ(62.4488, 35.8393, 94.8218)

Have a look what the booklet for
XYZ(62.4488, 35.8393, 94.8218)
contains.

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Color

**XYZ(62.4797, 35.8793,
94.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5CFB
RGB	255, 92, 251
RGB Percent	100%, 36%, 98%
CMY	0.0000, 0.6392, 0.0157
CMYK	0.00, 0.64, 0.02, 0.00
HSL	301°, 100%, 68%
HSV	301°, 64%, 100%
XYZ	62.4797, 35.8793, 94.8991
YIQ	158.8630, 46.1090, 84.0050

Conversions

Conversions Part 2

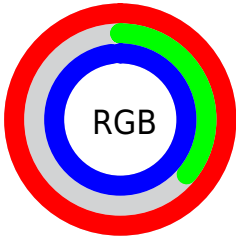
Format	Color
R _Y B	255, 92, 251
Decimal	16735483
CIE Lab	66.43, 79.46, -48.93
CIE LCh	66, 93.311, 328.377
Yxy	35.8793, 0.3233, 0.1857
Android (android.graphics.Color)	4294925563 (0xFFFF5CFB)
YUV	158.8630, 45.4235, 84.3121
Hunter-Lab	59.8993, 81.3657, -52.0042

Details

The XYZ color **62.4797, 35.8793, 94.8991** 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 **42.2860, 74.6404, 23.2463**, and the grayscale version is **32.6781, 34.3799, 37.4397**.

A 20% lighter version of the original color is **70.5182, 50.9365, 100.7227**, and **32.3193, 15.6491, 52.3561** is the 20% darker color. If you saturate the color by 10%, you get **60.5322, 32.1417, 93.7645**, and if you desaturate by 10%, it is **65.1721, 41.1058, 96.2845**.

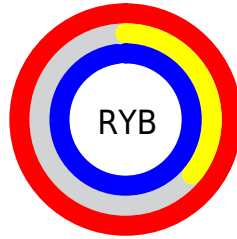
Distribution



Red (100%)

Green (36%)

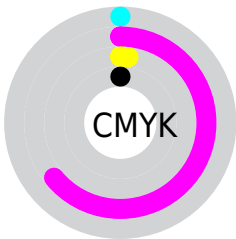
Blue (98%)



Red (100%)

Yellow (36%)

Blue (98%)

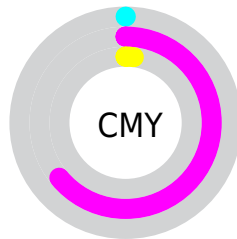


Cyan (0%)

Magenta (64%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4797, 35.8793, 94.8991 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 62.4797, 35.8793, 94.8991 by changing the saturation by 10% instead.


 62.4797, 35.8793,
94.8991


 62.4797, 35.8793,
94.8991


423.3685,
328.4327, 564.8180


 45.6775, 24.3410,
71.4546

 107.5046, 68.8457,
156.1196

 32.1949, 15.5868,
52.2291


 136.4579, 91.0426,
194.7326

 21.6667, 9.2322,
36.8042


 170.1924,
117.5612, 239.2389

 13.7274, 4.8930,
24.7614

 209.0733,
148.7858, 290.0570

 8.0118, 2.1846,
15.6820

253.4660,
185.1009, 347.6054

 4.1543, 0.7116,
9.1475

303.7358,

 1.7898, 0.0000,

226.8908, 412.3027

4.7394

360.2482,
274.5399, 484.5674

■ 0.5115, 0.0000,
2.0391

■ 0.0000, 0.0000,
0.5792

■ 62.4797, 35.8793,
94.8991

■ 62.4797, 35.8793,
94.8991

■ 60.5322, 32.1417,
93.7645

■ 65.1721, 41.1058,
96.2845

■ 59.2492, 29.7328,
92.8526

■ 68.6742, 47.9514,
97.9410

■ 58.5362, 28.4634,
92.1323

■ 73.0466, 56.5371,
99.8891

■ 58.2988, 28.0835,
91.7604

■ 78.3434, 66.9709,
102.1470

84.6142, 79.3523,
104.7312

91.9052, 93.7736,
107.6571

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.



48.5324, 35.8793, 153.4155



62.4797, 35.8793, 94.8991



68.6286, 35.8793, 41.2872

Triad

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



62.4797, 35.8793, 94.8991



34.8691, 35.8793, 1.5859



15.5036, 35.8793, 88.2382

Complementary

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



62.4797, 35.8793, 94.8991



42.2860, 74.6404, 23.2463

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.



13.6779, 35.8793, 36.9268



62.4797, 35.8793, 94.8991



22.8599, 35.8793, 2.9424

Square

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



62.4797, 35.8793, 94.8991



50.2197, 35.8793, 3.3485



15.9580, 35.8793, 11.0149



21.8648, 35.8793, 148.0530

Rectangle

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



62.4797, 35.8793, 94.8991



66.4845, 35.8793, 19.4819



15.9580, 35.8793, 11.0149



14.4306, 35.8793, 68.6944

Sweetspot

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



62.4805, 35.8807, 94.8998



81.3031, 72.8116, 103.3763



26.5685, 17.2937, 96.5455



17.0276, 14.8453, 21.9717



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.



62.4805, 35.8807, 94.8998



60.0699, 31.2656, 93.4610



52.3982, 31.8478, 41.8074



18.7723, 18.2922, 22.6840



30.4711, 14.6777, 47.9926



2.9727, 1.4315, 4.7038

Inverse Universe

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



62.4805, 35.8807, 94.8998



60.0699, 31.2656, 93.4610



48.0327, 76.9390, 53.5078



18.7723, 18.2922, 22.6840



30.4711, 14.6777, 47.9926



2.9727, 1.4315, 4.7038

Previews

White Background



This preview shows how the XYZ color 62.4797, 35.8793, 94.8991 looks on a white background.

Color Contrast Check

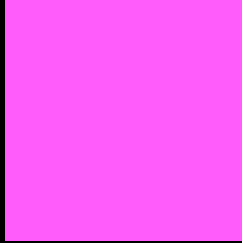
Large Text (above 18pt) WCAG AA × Fail

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 62.4797, 35.8793, 94.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

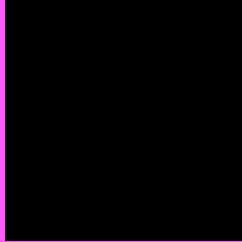
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4797, 35.8793, 94.8991

Background



This preview shows how black text looks on a background with the XYZ color 62.4797, 35.8793, 94.8991.



This preview shows how white text looks on a background with the XYZ color 62.4797, 35.8793,

94.8991.

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

62.4797, 35.8793, 94.8991

Protanopia

38.7603, 36.3014, 99.5717

Deuteranopia

37.2254, 36.2930, 87.4813



Tritanopia

48.4520, 35.5482, 27.2295

Trichromacy



Original Color

62.4797, 35.8793, 94.8991



Protanomaly

43.5666, 33.2544, 97.8885



Deuteranomaly

42.5889, 33.1386, 89.7397



Tritanomaly

52.3109, 34.9831, 45.5903

Monochromacy



Original Color

62.4797, 35.8793, 94.8991



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

40.4265, 32.6031, 54.0315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4797, 35.8793, 94.8991 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, 92, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 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, 92, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 251) }
```

Border

The CSS property to change the border of an element to XYZ 62.4797, 35.8793, 94.8991 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, 92, 251) }
```


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

```
.border{ border-color:rgb(255, 92, 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, 92, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4797, 35.8793, 94.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 251) }
```

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

```
.background{ background-color: rgb(255, 92,  
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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