

Converting Colors

XYZ(61.9618, 35.6445, 92.2573)

Have a look what the booklet for
XYZ(61.9618, 35.6445, 92.2573)
contains.

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Color

**XYZ(62.0104, 35.6916,
92.4278)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5CF8
RGB	255, 92, 248
RGB Percent	100%, 36%, 97%
CMY	0.0000, 0.6392, 0.0274
CMYK	0.00, 0.64, 0.03, 0.00
HSL	303°, 100%, 68%
HSV	303°, 64%, 100%
XYZ	62.0104, 35.6916, 92.4278
YIQ	158.5210, 47.0720, 83.0720

Conversions

Conversions Part 2

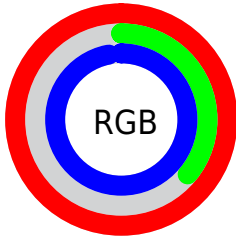
Format	Color
R _{YB}	255, 92, 248
Decimal	16735480
CIE _{Lab}	66.28, 78.99, -47.50
CIE _{LCh}	66, 92.169, 328.977
Y _{xy}	35.6916, 0.3261, 0.1877
Android (android.graphics.Color)	4294925560 (0xFFFF5CF8)
YUV	158.5210, 44.1131, 84.6121
Hunter-Lab	59.7424, 80.7270, -49.9081

Details

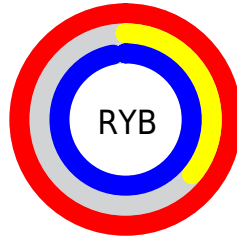
The XYZ color **62.0104, 35.6916, 92.4278** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **42.4269, 74.6967, 23.9879**, and the grayscale version is **32.5283, 34.2223, 37.2681**.

A 20% lighter version of the original color is **70.5182, 50.9365, 100.7227**, and **31.9965, 15.5374, 50.6028** is the 20% darker color. If you saturate the color by 10%, you get **59.9919, 31.9256, 90.9196**, and if you desaturate by 10%, it is **64.7744, 40.9467, 94.1903**.

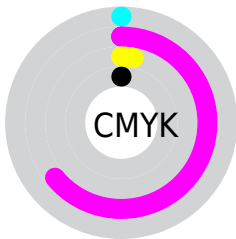
Distribution



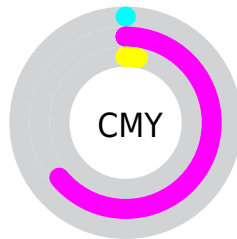
- Red (100%)
- Green (36%)
- Blue (97%)



- Red (100%)
- Yellow (36%)
- Blue (97%)



- Cyan (0%)
- Magenta (64%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0104, 35.6916, 92.4278 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 62.0104, 35.6916, 92.4278 by changing the saturation by 10% instead.


 62.0104, 35.6916,
92.4278


 62.0104, 35.6916,
92.4278

421.6860,
327.6106, 556.6697

 45.2967, 24.1961,
69.4110


 106.8304, 68.5558,
152.6710


 31.8935, 15.4792,
50.5727

 135.6675, 90.6933,
190.7345

 21.4353, 9.1564,
35.4943


 169.2764,
117.1469, 234.6506

 13.5568, 4.8433,
23.7573

 208.0225,
148.3010, 284.8379

 7.8927, 2.1556,
14.9431

252.2711,
184.5401, 341.7149

 4.0776, 0.6956,
8.6333

302.3877,

 1.7461, 0.0000,

226.2484, 405.7002

4.4092

358.7375,
273.8104, 477.2123

■ 0.4849, 0.0000,
1.8524

■ 0.0000, 0.0000,
0.4622

■ 62.0104, 35.6916,
92.4278

■ 62.0104, 35.6916,
92.4278

■ 59.9919, 31.9256,
90.9196

■ 64.7744, 40.9467,
94.1903

■ 58.6387, 29.4886,
89.6376

■ 68.3489, 47.8213,
96.2274

■ 57.8561, 28.1914,
88.5507

■ 72.7942, 56.4362,
98.5597

■ 57.5767, 27.7947,
87.9576

■ 78.1646, 66.8995,
101.2053

84.5097, 79.3106,
104.1808

91.8757, 93.7619,
107.5015

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.



48.4175, 35.6916, 149.9172



62.0104, 35.6916, 92.4278



67.8329, 35.6916, 40.2296

Triad

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



62.0104, 35.6916, 92.4278



34.3980, 35.6916, 1.6723



15.6485, 35.6916, 88.3185

Complementary

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



62.0104, 35.6916, 92.4278



42.4269, 74.6967, 23.9879

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.



13.7562, 35.6916, 37.5259



62.0104, 35.6916, 92.4278



22.6564, 35.6916, 3.1256

Square

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



62.0104, 35.6916, 92.4278



49.4612, 35.6916, 3.3843



15.9320, 35.6916, 11.4374



22.0374, 35.6916, 146.6167

Rectangle

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



62.0104, 35.6916, 92.4278



65.5833, 35.6916, 19.0681



15.9320, 35.6916, 11.4374



14.5565, 35.6916, 69.0639

Sweetspot

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



62.0112, 35.6930, 92.4285



81.1607, 72.7546, 102.6266



26.8547, 17.4413, 96.5589



16.9926, 14.8312, 21.7873



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.



62.0112, 35.6930, 92.4285



59.5079, 31.0408, 90.5017



52.1423, 31.7454, 40.4596



18.7570, 18.2861, 22.6034



30.0999, 14.5293, 46.0380



2.9408, 1.4187, 4.5355

Inverse Universe

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



62.0112, 35.6930, 92.4285



59.5079, 31.0408, 90.5017



48.3047, 77.0478, 54.9402



18.7570, 18.2861, 22.6034



30.0999, 14.5293, 46.0380



2.9408, 1.4187, 4.5355

Previews

White Background



This preview shows how the XYZ color 62.0104, 35.6916, 92.4278 looks on a white background.

Color Contrast Check

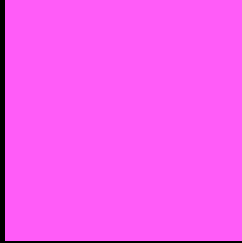
Large Text (above 18pt) WCAG AA × Fail

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 62.0104, 35.6916, 92.4278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

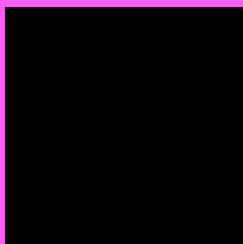
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0104, 35.6916, 92.4278

Background



This preview shows how black text looks on a background with the XYZ color 62.0104, 35.6916, 92.4278.



This preview shows how white text looks on a background with the XYZ color 62.0104, 35.6916,

92.4278.

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

62.0104, 35.6916, 92.4278

Protanopia

38.4452, 35.8847, 99.5079

Deuteranopia

36.9101, 35.9232, 85.1093



Tritanopia

48.2546, 35.2657, 26.8179

Trichromacy



Original Color

62.0104, 35.6916, 92.4278



Protanomaly

42.8904, 32.7364, 96.1536



Deuteranomaly

42.2204, 32.7928, 87.3235



Tritanomaly

52.0008, 34.6796, 44.5105

Monochromacy



Original Color

62.0104, 35.6916, 92.4278



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

40.3161, 32.5589, 53.4498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0104, 35.6916, 92.4278 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 248) }
```

Border

The CSS property to change the border of an element to XYZ 62.0104, 35.6916, 92.4278 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, 248) }
```


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

```
.border{ border-color:rgb(255, 92, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0104, 35.6916, 92.4278 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, 248) }
```

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

```
.background{ background-color: rgb(255, 92,  
248) }
```

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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