

Converting Colors

XYZ(62.3739, 36.1678, 93.3222)

Have a look what the booklet for
XYZ(62.3739, 36.1678, 93.3222)
contains.

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Color

**XYZ(62.3416, 36.1050,
93.3057)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5EF9
RGB	255, 94, 249
RGB Percent	100%, 37%, 98%
CMY	0.0000, 0.6313, 0.0235
CMYK	0.00, 0.63, 0.02, 0.00
HSL	302°, 100%, 68%
HSV	302°, 63%, 100%
XYZ	62.3416, 36.1050, 93.3057
YIQ	159.8090, 46.2010, 82.3370

Conversions

Conversions Part 2

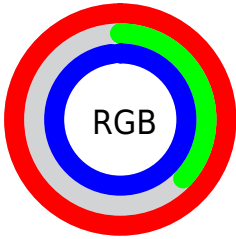
Format	Color
R _Y B	255, 94, 249
Decimal	16735993
CIE Lab	66.60, 78.39, -47.55
CIE LCh	67, 91.688, 328.758
Yxy	36.1050, 0.3251, 0.1883
Android (android.graphics.Color)	4294926073 (0xFFFF5EF9)
YUV	159.8090, 43.9712, 83.4825
Hunter-Lab	60.0874, 80.0434, -50.0062

Details

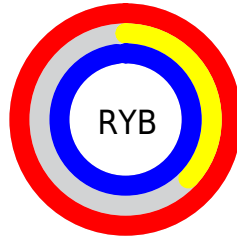
The XYZ color **62.3416, 36.1050, 93.3057** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **42.6775, 74.8203, 24.2509**, and the grayscale version is **33.1166, 34.8412, 37.9421**.

A 20% lighter version of the original color is **70.8456, 51.5912, 100.8319**, and **32.1909, 15.7495, 51.2125** is the 20% darker color. If you saturate the color by 10%, you get **60.2890, 32.2364, 91.8925**, and if you desaturate by 10%, it is **65.1450, 41.4739, 94.9738**.

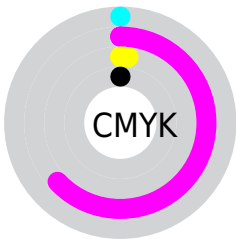
Distribution



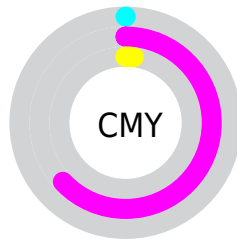
- Red (100%)
- Green (37%)
- Blue (98%)



- Red (100%)
- Yellow (37%)
- Blue (98%)



- Cyan (0%)
- Magenta (63%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3416, 36.1050, 93.3057 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 62.3416, 36.1050, 93.3057 by changing the saturation by 10% instead.


 62.3416, 36.1050,
93.3057

 62.3416, 36.1050,
93.3057

422.8738,
329.4192, 559.5717


 45.5654, 24.5153,
70.1365

 107.3062, 69.1941,
153.8971


 32.1062, 15.7163,
51.1604


 136.2254, 91.4623,
192.1565

 21.5986, 9.3236,
35.9586


 169.9230,
118.0588, 236.2830

 13.6772, 4.9529,
24.1128

 208.7642,
149.3679, 286.6952

 7.9767, 2.2196,
15.2043

253.1146,
185.7742, 343.8116

 4.1317, 0.7307,
8.8147

303.3394,

 1.7769, 0.0000,

227.6619, 408.0508

4.5254

359.8040,
275.4154, 479.8313

■ 0.5037, 0.0000,
1.9178

■ 0.0000, 0.0000,
0.5040

■ 62.3416, 36.1050,
93.3057

■ 62.3416, 36.1050,
93.3057

■ 60.2890, 32.2364,
91.8925

■ 65.1450, 41.4739,
94.9738

■ 58.9081, 29.7099,
90.7064


■ 68.7636, 48.4720,
96.9168


■ 58.1060, 28.3398,
89.7169

■ 73.2572, 57.2190,
99.1553

■ 57.7975, 27.8830,
89.1205

■ 78.6797, 67.8226,
101.7071

 85.0804, 80.3813,
104.5887

 92.5052, 94.9871,
107.8154

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.



48.7179, 36.1050, 150.5122



62.3416, 36.1050, 93.3057



68.2327, 36.1050, 40.9805

Triad

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



62.3416, 36.1050, 93.3057



34.8944, 36.1050, 1.7788



15.9269, 36.1050, 88.3266

Complementary

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



62.3416, 36.1050, 93.3057



42.6775, 74.8203, 24.2509

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.



14.0494, 36.1050, 37.6898



62.3416, 36.1050, 93.3057



23.0764, 36.1050, 3.2493

Square

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



62.3416, 36.1050, 93.3057



49.9855, 36.1050, 3.5716



16.2738, 36.1050, 11.6178



22.3210, 36.1050, 146.5216

Rectangle

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



62.3416, 36.1050, 93.3057



66.0397, 36.1050, 19.6014



16.2738, 36.1050, 11.6178



14.8367, 36.1050, 69.1334

Sweetspot

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



62.3424, 36.1064, 93.3064



81.2046, 72.7722, 102.8575



27.2400, 17.9006, 96.6272



17.0034, 14.8356, 21.8441



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.



62.3424, 36.1064, 93.3064



59.8283, 31.3824, 91.5305



52.4177, 32.1365, 41.0441



18.7617, 18.2880, 22.6283



30.2134, 14.5747, 46.6358



2.9506, 1.4226, 4.5870

Inverse Universe

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



62.3424, 36.1064, 93.3064



59.8283, 31.3824, 91.5305



48.6019, 77.1901, 55.4484



18.7617, 18.2880, 22.6283



30.2134, 14.5747, 46.6358



2.9506, 1.4226, 4.5870

Previews

White Background



This preview shows how the XYZ color 62.3416, 36.1050, 93.3057 looks on a white background.

Color Contrast Check

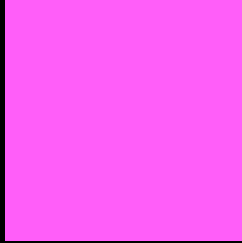
Large Text (above 18pt) WCAG AA × Fail

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 62.3416, 36.1050, 93.3057 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 62.3416, 36.1050, 93.3057

Background



This preview shows how black text looks on a background with the XYZ color 62.3416, 36.1050, 93.3057.



This preview shows how white text looks on a background with the XYZ color 62.3416, 36.1050,

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

62.3416, 36.1050, 93.3057

Protanopia

38.9056, 36.3762, 99.5785

Deuteranopia

37.3834, 36.4086, 85.9462



Tritanopia

48.6513, 35.8336, 27.6449

Trichromacy



Original Color

62.3416, 36.1050, 93.3057



Protanomaly

43.4069, 33.1905, 97.0471



Deuteranomaly

42.6519, 33.4161, 88.2064



Tritanomaly

52.4243, 35.2099, 45.6281

Monochromacy



Original Color

62.3416, 36.1050, 93.3057



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

40.8243, 33.0162, 54.0903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3416, 36.1050, 93.3057 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, 94, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 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, 94, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 249) }
```

Border

The CSS property to change the border of an element to XYZ 62.3416, 36.1050, 93.3057 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, 94, 249) }
```


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

```
.border{ border-color:rgb(255, 94, 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, 94, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3416, 36.1050, 93.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 249) }
```

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

```
.background{ background-color: rgb(255, 94,  
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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