

Converting Colors

XYZ(62.2062, 36.3087, 91.7978)

Have a look what the booklet for
XYZ(62.2062, 36.3087, 91.7978)
contains.

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Color

**XYZ(62.2114, 36.3411,
91.7313)**

Conversions

Conversions Part 1

Format	Color
Hex	FF60F7
RGB	255, 96, 247
RGB Percent	100%, 38%, 97%
CMY	0.0000, 0.6235, 0.0314
CMYK	0.00, 0.62, 0.03, 0.00
HSL	303°, 100%, 69%
HSV	303°, 62%, 100%
XYZ	62.2114, 36.3411, 91.7313
YIQ	160.7550, 46.2930, 80.6690

Conversions

Conversions Part 2

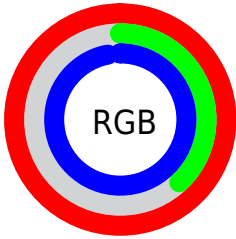
Format	Color
R _Y B	255, 96, 247
Decimal	16736503
CIE _{Lab}	66.78, 77.31, -46.17
CIE _{LCh}	67, 90.051, 329.156
Yxy	36.3411, 0.3269, 0.1910
Android (android.graphics.Color)	4294926583 (0xFFFF60F7)
YUV	160.7550, 42.5188, 82.6529
Hunter-Lab	60.2836, 78.7120, -48.0209

Details

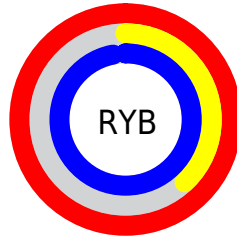
The XYZ color **62.2114, 36.3411, 91.7313** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **43.0836, 75.0068, 25.3054**, and the grayscale version is **33.5581, 35.3058, 38.4480**.

A 20% lighter version of the original color is **71.0113, 51.9227, 100.8871**, and **32.0869, 15.8936, 50.0918** is the 20% darker color. If you saturate the color by 10%, you get **60.0532, 32.3405, 90.0389**, and if you desaturate by 10%, it is **65.1265, 41.8532, 93.6837**.

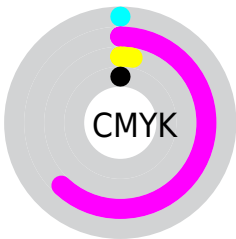
Distribution



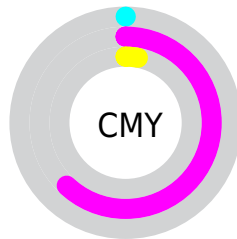
- Red (100%)
- Green (38%)
- Blue (97%)



- Red (100%)
- Yellow (38%)
- Blue (97%)



- Cyan (0%)
- Magenta (62%)
- Yellow (3%)
- Black (0%)




- Cyan (0%)
- Magenta (62%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2114, 36.3411, 91.7313 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 62.2114, 36.3411, 91.7313 by changing the saturation by 10% instead.


 62.2114, 36.3411,
91.7313


 62.2114, 36.3411,
91.7313

422.4071,
330.4490, 554.3615


 45.4598, 24.6977,
68.8357

 107.1192, 69.5582,
151.6974


 32.0226, 15.8520,
50.1070


 136.0061, 91.9008,
189.6049

 21.5344, 9.4195,
35.1266


 169.6689,
118.5785, 233.3536

 13.6298, 5.0158,
23.4761

 208.4727,
149.9759, 283.3618

 7.9436, 2.2565,
14.7369

252.7832,
186.4772, 340.0482

 4.1104, 0.7506,
8.4903

302.9654,

 1.7648, 0.0000,

228.4669, 403.8312

4.3180

359.3850,
276.3293, 475.1295

■ 0.4963, 0.0000,
1.8014

■ 0.0000, 0.0000,
0.4289

■ 62.2114, 36.3411,
91.7313

■ 62.2114, 36.3411,
91.7313

■ 60.0532, 32.3405,
90.0389

■ 65.1265, 41.8532,
93.6837

■ 58.5739, 29.6954,
88.5789

■ 68.8622, 49.0046,
95.9159

■ 57.6821, 28.2233,
87.3216

■ 73.4781, 57.9140,
98.4483

■ 57.2926, 27.6810,
86.4618

■ 79.0274, 68.6881,
101.2985

85.5593, 81.4251,
104.4831

93.1193, 96.2163,
108.0171

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.



48.9131, 36.3411, 147.6374



62.2114, 36.3411, 91.7313



67.8446, 36.3411, 40.6827

Triad

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



62.2114, 36.3411, 91.7313



34.9278, 36.3411, 1.9901



16.3663, 36.3411, 88.4249

Complementary

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



62.2114, 36.3411, 91.7313



43.0836, 75.0068, 25.3054

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.



14.4354, 36.3411, 38.4763



62.2114, 36.3411, 91.7313



23.3024, 36.3411, 3.5817

Square

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



62.2114, 36.3411, 91.7313



49.7593, 36.3411, 3.8087



16.6015, 36.3411, 12.2514



22.7929, 36.3411, 144.9995

Rectangle

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



62.2114, 36.3411, 91.7313



65.6030, 36.3411, 19.7293



16.6015, 36.3411, 12.2514



15.2584, 36.3411, 69.5863

Sweetspot

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



62.2121, 36.3425, 91.7320



81.1039, 72.7319, 102.3274



27.9374, 18.5275, 96.7114



16.9786, 14.8257, 21.7137



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.



62.2121, 36.3425, 91.7320



59.5985, 31.5143, 89.6304



52.4499, 32.4376, 40.3249



18.7509, 18.2837, 22.5712



29.9538, 14.4708, 45.2689



2.9282, 1.4136, 4.4691

Inverse Universe

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



62.2121, 36.3425, 91.7320



59.5985, 31.5143, 89.6304



49.1791, 77.4450, 57.4038



18.7509, 18.2837, 22.5712



29.9538, 14.4708, 45.2689



2.9282, 1.4136, 4.4691

Previews

White Background



This preview shows how the XYZ color 62.2114, 36.3411, 91.7313 looks on a white background.

Color Contrast Check

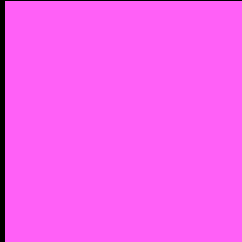
Large Text (above 18pt) WCAG AA × Fail

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 62.2114, 36.3411, 91.7313 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 62.2114, 36.3411, 91.7313

Background



This preview shows how black text looks on a background with the XYZ color 62.2114, 36.3411, 91.7313.



This preview shows how white text looks on a background with the XYZ color 62.2114, 36.3411,

91.7313.

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

62.2114, 36.3411, 91.7313

Protanopia

39.2250, 36.7972, 99.6429

Deuteranopia

37.5581, 36.5324, 84.4288



Tritanopia

49.1967, 36.2992, 28.0804

Trichromacy



Original Color

62.2114, 36.3411, 91.7313



Protanomaly

43.7499, 33.8038, 96.3144



Deuteranomaly

42.8053, 33.5297, 86.6539



Tritanomaly

52.5390, 35.4393, 45.6663

Monochromacy



Original Color

62.2114, 36.3411, 91.7313



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

40.9658, 33.2992, 54.1374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2114, 36.3411, 91.7313 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, 96, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 247)  
}
```

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, 96, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 247) }
```

Border

The CSS property to change the border of an element to XYZ 62.2114, 36.3411, 91.7313 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, 96, 247) }
```


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

```
.border{ border-color:rgb(255, 96, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 96, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2114, 36.3411, 91.7313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 247) }
```

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

```
.background{ background-color: rgb(255, 96,  
247) }
```

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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