

Converting Colors

XYZ(62.0667, 36.2854, 90.9628)

Have a look what the booklet for
XYZ(62.0667, 36.2854, 90.9628)
contains.

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Color

**XYZ(62.0574, 36.2796,
90.9206)**

Conversions

Conversions Part 1

Format	Color
Hex	FF60F6
RGB	255, 96, 246
RGB Percent	100%, 38%, 96%
CMY	0.0000, 0.6235, 0.0353
CMYK	0.00, 0.62, 0.04, 0.00
HSL	303°, 100%, 69%
HSV	303°, 62%, 100%
XYZ	62.0574, 36.2796, 90.9206
YIQ	160.6410, 46.6140, 80.3580

Conversions

Conversions Part 2

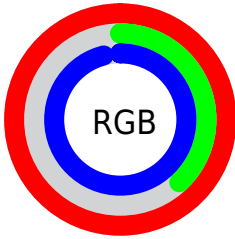
Format	Color
R _Y B	255, 96, 246
Decimal	16736502
CIE Lab	66.73, 77.16, -45.69
CIE LCh	67, 89.672, 329.367
Yxy	36.2796, 0.3279, 0.1917
Android (android.graphics.Color)	4294926582 (0xFFFF60F6)
YUV	160.6410, 42.0820, 82.7528
Hunter-Lab	60.2325, 78.5010, -47.3350

Details

The XYZ color **62.0574, 36.2796, 90.9206** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **43.1349, 75.0273, 25.5748**, and the grayscale version is **33.5076, 35.2526, 38.3900**.

A 20% lighter version of the original color is **71.0113, 51.9227, 100.8871**, and **31.9779, 15.8500, 49.5181** is the 20% darker color. If you saturate the color by 10%, you get **59.8759, 32.2697, 89.1050**, and if you desaturate by 10%, it is **64.9964, 41.8013, 92.9981**.

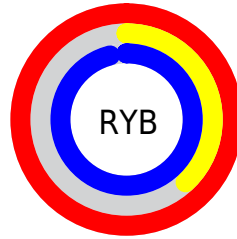
Distribution



Red (100%)

Green (38%)

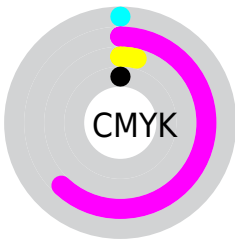
Blue (96%)



Red (100%)

Yellow (38%)

Blue (96%)

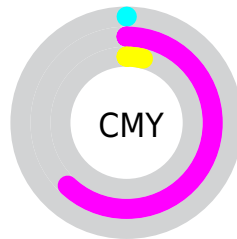


Cyan (0%)

Magenta (62%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0574, 36.2796, 90.9206 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 62.0574, 36.2796, 90.9206 by changing the saturation by 10% instead.

 62.0574, 36.2796,
90.9206

 62.0574, 36.2796,
90.9206

421.8547,
330.1810, 551.6682

 45.3349, 24.6502,
68.1664

 106.8980, 69.4634,
150.5632

 31.9237, 15.8166,
49.5656


 135.7467, 91.7866,
188.2886

 21.4585, 9.3945,
34.6996


 169.3682,
118.4432, 231.8416

 13.5739, 4.9994,
23.1499

 208.1278,
149.8176, 281.6407

 7.9046, 2.2469,
14.4979

252.3909,
186.2942, 338.1043

 4.0853, 0.7454,
8.3251

302.5228,

 1.7505, 0.0000,

228.2573, 401.6511

4.2129

358.8890,
276.0915, 472.6995

■ 0.4876, 0.0000,
1.7429

■ 0.0000, 0.0000,
0.3899

■ 62.0574, 36.2796,
90.9206

■ 62.0574, 36.2796,
90.9206

■ 59.8759, 32.2697,
89.1050

■ 64.9964, 41.8013,
92.9981

■ 58.3735, 29.6153,
87.5238

■ 68.7562, 48.9624,
95.3572

■ 57.4591, 28.1341,
86.1471

■ 73.3966, 57.8816,
98.0184

■ 57.0524, 27.5850,
85.1972

■ 78.9708, 68.6657,
100.9994

85.5279, 81.4128,
104.3167

93.1135, 96.2144,
107.9853

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.



48.8770, 36.2796, 146.4945



62.0574, 36.2796, 90.9206



67.5824, 36.2796, 40.3317

Triad

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



62.0574, 36.2796, 90.9206



34.7710, 36.2796, 2.0236



16.4176, 36.2796, 88.4564

Complementary

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



62.0574, 36.2796, 90.9206



43.1349, 75.0273, 25.5748

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.



14.4636, 36.2796, 38.6844



62.0574, 36.2796, 90.9206



23.2345, 36.2796, 3.6511

Square

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



62.0574, 36.2796, 90.9206



49.5082, 36.2796, 3.8221



16.5936, 36.2796, 12.4031



22.8538, 36.2796, 144.5301

Rectangle

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



62.0574, 36.2796, 90.9206



65.3058, 36.2796, 19.5899



16.5936, 36.2796, 12.4031



15.3032, 36.2796, 69.7149

Sweetspot

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



62.0582, 36.2810, 90.9213



81.0555, 72.7125, 102.0724



27.9376, 18.5277, 96.7115



16.9667, 14.8209, 21.6511



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.



62.0582, 36.2810, 90.9213



59.4150, 31.4409, 88.6642



52.4500, 32.4377, 40.3252



18.7456, 18.2816, 22.5437



29.8303, 14.4214, 44.6185



2.9175, 1.4094, 4.4129

Inverse Universe

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



62.0582, 36.2810, 90.9213



59.4150, 31.4409, 88.6642



49.1792, 77.4450, 57.4040



18.7456, 18.2816, 22.5437



29.8303, 14.4214, 44.6185



2.9175, 1.4094, 4.4129

Previews

White Background



This preview shows how the XYZ color 62.0574, 36.2796, 90.9206 looks on a white background.

Color Contrast Check

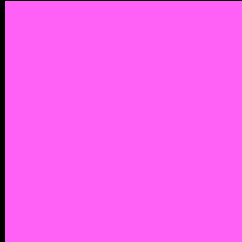
Large Text (above 18pt) WCAG AA × Fail

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 62.0574, 36.2796, 90.9206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

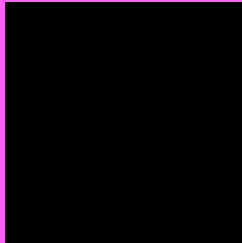
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0574, 36.2796, 90.9206

Background



This preview shows how black text looks on a background with the XYZ color 62.0574, 36.2796, 90.9206.



This preview shows how white text looks on a background with the XYZ color 62.0574, 36.2796,

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

62.0574, 36.2796, 90.9206

Protanopia

39.0783, 36.7216, 99.6361

Deuteranopia

37.4131, 36.4744, 83.6656



Tritanopia

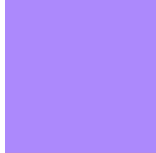
48.9955, 36.0110, 27.6610

Trichromacy



Original Color

62.0574, 36.2796, 90.9206



Protanomaly

43.5296, 33.6903, 96.3041



Deuteranomaly

42.6571, 33.4704, 85.8735



Tritanomaly

52.4396, 35.3995, 45.1432

Monochromacy



Original Color

62.0574, 36.2796, 90.9206



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 62.0574, 36.2796, 90.9206 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 246) }
```

Border

The CSS property to change the border of an element to XYZ 62.0574, 36.2796, 90.9206 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, 246) }
```


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

```
.border{ border-color:rgb(255, 96, 246) }
```

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, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0574, 36.2796, 90.9206 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, 246) }
```

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

```
.background{ background-color: rgb(255, 96,  
246) }
```

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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