

Converting Colors

XYZ(60.3124, 37.0657, 85.6261)

Have a look what the booklet for
XYZ(60.3124, 37.0657, 85.6261)
contains.

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Color

**XYZ(60.2620, 37.0714,
85.6407)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6BEF
RGB	250, 107, 239
RGB Percent	98%, 42%, 94%
CMY	0.0196, 0.5804, 0.0627
CMYK	0.00, 0.57, 0.04, 0.02
HSL	305°, 93%, 70%
HSV	305°, 57%, 98%
XYZ	60.2620, 37.0714, 85.6407
YIQ	164.8050, 42.8560, 71.3680

Conversions

Conversions Part 2

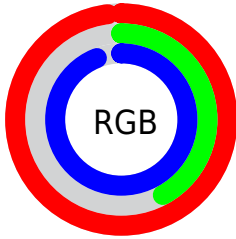
Format	Color
R _Y B	250, 107, 239
Decimal	16411631
CIE Lab	67.33, 70.36, -40.94
CIE LCh	67, 81.404, 329.804
Yxy	37.0714, 0.3293, 0.2026
Android (android.graphics.Color)	4294601711 (0xFFFA6BEF)
YUV	164.8050, 36.5781, 74.7160
Hunter-Lab	60.8863, 70.1188, -40.7750

Details

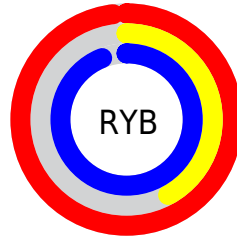
The XYZ color **60.2620, 37.0714, 85.6407** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **43.5207, 72.8064, 28.9012**, and the grayscale version is **35.4885, 37.3366, 40.6596**.

A 20% lighter version of the original color is **72.7451, 55.3903, 101.4650**, and **30.7208, 16.2428, 46.3158** is the 20% darker color. If you saturate the color by 10%, you get **57.7400, 32.4788, 83.4058**, and if you desaturate by 10%, it is **63.5428, 43.1750, 88.1440**.

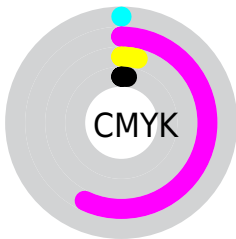
Distribution



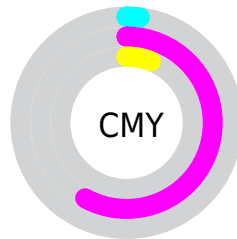
- Red (98%)
- Green (42%)
- Blue (94%)



- Red (98%)
- Yellow (42%)
- Blue (94%)



- Cyan (0%)
- Magenta (57%)
- Yellow (4%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2620, 37.0714, 85.6407 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 60.2620, 37.0714, 85.6407 by changing the saturation by 10% instead.


 60.2620, 37.0714,
85.6407


 60.2620, 37.0714,
85.6407

415.3821,
333.6195, 533.9455


 43.8801, 25.2628,
63.8177

 104.3138, 70.6826,
143.1501

 30.7738, 16.2729,
46.0578

 132.7145, 93.2539,
179.6736

 20.5776, 9.7175,
31.9424


 165.8521,
120.1817, 221.9343

 12.9263, 5.2121,
21.0531

204.0920,
151.8501, 270.3508

 7.4545, 2.3722,
12.9712

247.7996,
188.6438, 325.3416

 3.7968, 0.8115,
7.2782

297.3403,

 1.5878, 0.0000,

230.9469, 387.3253

3.5556

353.0793,
279.1441, 456.7204

■ 0.3844, 0.0000,
1.3849

■ 0.0000, 0.0000,
0.1299

■ 60.2620, 37.0714,
85.6407

■ 60.2620, 37.0714,
85.6407

■ 57.7400, 32.4788,
83.4058

■ 63.5428, 43.1750,
88.1440

■ 55.9059, 29.2582,
81.4149

■ 67.6376, 50.9025,
90.9333

■ 54.6825, 27.2540,
79.6423

■ 72.6007, 60.3617,
94.0271

■ 53.9681, 26.2632,
78.0541

■ 78.4807, 71.6500,
97.4415

53.8159, 26.0807,
77.6277

85.3227, 84.8574,
101.1918

92.5250, 98.7803,
105.0772

92.8290, 98.9019,
106.6784

93.1362, 99.0248,
108.2959

93.2348, 99.0642,
108.8150

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.5342, 37.0714, 133.9668



60.2620, 37.0714, 85.6407



65.0313, 37.0714, 40.5997

Triad

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



60.2620, 37.0714, 85.6407



35.3173, 37.0714, 3.2863



18.2674, 37.0714, 84.9709

Complementary

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



60.2620, 37.0714, 85.6407



43.5207, 72.8064, 28.9012

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.



16.2979, 37.0714, 40.1301



60.2620, 37.0714, 85.6407



24.6189, 37.0714, 5.3027

Square

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



60.2620, 37.0714, 85.6407



48.7102, 37.0714, 5.3636



18.3204, 37.0714, 14.7560



24.5073, 37.0714, 133.4450

Rectangle

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



60.2620, 37.0714, 85.6407



62.9229, 37.0714, 21.2959



18.3204, 37.0714, 14.7560



17.1600, 37.0714, 68.3574

Sweetspot

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



60.2633, 37.0731, 85.6415



82.2137, 75.1792, 101.9953



29.7884, 21.1692, 92.9596



17.3146, 15.5477, 21.6712



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.



60.2633, 37.0731, 85.6415



59.9862, 33.2378, 86.8369



51.8419, 33.7046, 41.2952



17.9320, 17.5002, 21.4978



28.5698, 13.8436, 41.3044



2.6627, 1.2888, 3.9132

Inverse Universe

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



60.2633, 37.0731, 85.6415



59.9862, 33.2378, 86.8369



49.3313, 75.1307, 59.4996



17.9320, 17.5002, 21.4978



28.5698, 13.8436, 41.3044



2.6627, 1.2888, 3.9132

Previews

White Background



This preview shows how the XYZ color 60.2620, 37.0714, 85.6407 looks on a white background.

Color Contrast Check

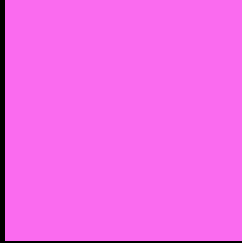
Large Text (above 18pt) WCAG AA × Fail

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 60.2620, 37.0714, 85.6407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

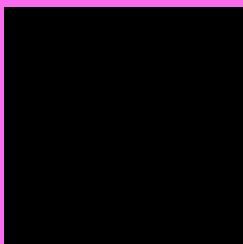
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2620, 37.0714, 85.6407

Background



This preview shows how black text looks on a background with the XYZ color 60.2620, 37.0714, 85.6407.



This preview shows how white text looks on a background with the XYZ color 60.2620, 37.0714,

85.6407.

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

60.2620, 37.0714, 85.6407

Protanopia

39.8481, 37.3769, 99.7220

Deuteranopia

38.3586, 37.3046, 80.0417



Tritanopia

48.7304, 36.8062, 30.1271

Trichromacy



Original Color

60.2620, 37.0714, 85.6407



Protanomaly

43.8573, 34.7735, 94.0230



Deuteranomaly

43.4370, 35.0530, 81.5673



Tritanomaly

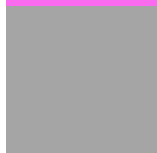
51.9809, 36.3949, 45.8802

Monochromacy



Original Color

60.2620, 37.0714, 85.6407



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

42.2526, 35.4881, 54.4921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2620, 37.0714, 85.6407 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(250, 107, 239)` looks like.

```
.text, #text, p{  
    color:rgb(250, 107, 239)  
}
```

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(250, 107, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 107, 239) }
```

Border

The CSS property to change the border of an element to XYZ 60.2620, 37.0714, 85.6407 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(250, 107, 239) }
```


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

```
.border{ border-color:rgb(250, 107, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 107, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 107, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 107, 239);  
box-shadow:4px 4px 4px 4px rgb(250, 107,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2620, 37.0714, 85.6407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 107, 239) }
```

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

```
.background{ background-color: rgb(250,  
107, 239) }
```

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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