

Converting Colors

XYZ(74.6171, 65.0455, 96.1592)

Have a look what the booklet for
XYZ(74.6171, 65.0455, 96.1592)
contains.

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Color

**XYZ(74.6377, 65.1939,
95.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C2F6
RGB	248, 194, 246
RGB Percent	97%, 76%, 96%
CMY	0.0274, 0.2392, 0.0353
CMYK	0.00, 0.22, 0.01, 0.03
HSL	302°, 79%, 87%
HSV	302°, 22%, 97%
XYZ	74.6377, 65.1939, 95.8386
YIQ	216.0740, 15.4920, 27.6200

Conversions

Conversions Part 2

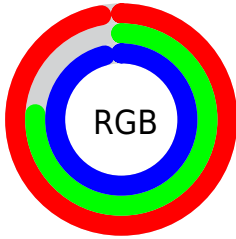
Format	Color
R _Y B	248, 194, 246
Decimal	16302838
CIE Lab	84.58, 27.74, -18.25
CIE LCh	85, 33.208, 326.660
Yxy	65.1939, 0.3167, 0.2766
Android (android.graphics.Color)	4294492918 (0xFFF8C2F6)
YUV	216.0740, 14.7535, 27.9991
Hunter-Lab	80.7427, 23.7036, -13.8551

Details

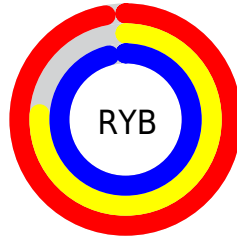
The XYZ color **74.6377, 65.1939, 95.8386** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7819, 82.5915, 64.7028**, and the grayscale version is **65.2177, 68.6141, 74.7207**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **40.1582, 33.5502, 53.0745** is the 20% darker color. If you saturate the color by 10%, you get **69.4322, 55.0068, 93.4101**, and if you desaturate by 10%, it is **80.7689, 77.2290, 98.5806**.

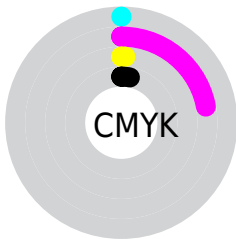
Distribution



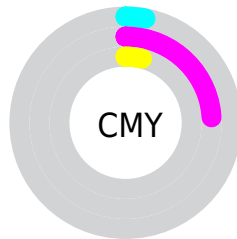
- Red (97%)
- Green (76%)
- Blue (96%)



- Red (97%)
- Yellow (76%)
- Blue (96%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (3%)



- Cyan (3%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6377, 65.1939, 95.8386 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 74.6377, 65.1939, 95.8386 by changing the saturation by 10% instead.


 74.6377, 65.1939,
95.8386

 74.6377, 65.1939,
95.8386


465.6878,
443.4884, 567.8990

 55.6093, 47.6183,
72.2324


 124.7900,
112.3286, 157.4282

 40.1255, 33.5247,
52.8605

156.6446,
142.6565, 196.2487

 27.8211, 22.5287,
37.3045


193.5053,
178.0039, 240.9776

 18.3306, 14.2459,
25.1457

235.7375,
218.7553, 292.0336

 11.2887, 8.2919,
15.9656

283.7065,
265.2951, 349.8352

 6.3301, 4.2823,
9.3457

337.7776,

 3.0894, 1.8327,

318.0076, 414.8010

4.8675

398.3162,
377.2773, 487.3494

■ 1.2012, 0.5074,
2.1124

■ 0.1073, 0.0000,
0.6231

■ 74.6377, 65.1939,
95.8386

■ 74.6377, 65.1939,
95.8386

■ 69.4322, 55.0068,
93.4101

■ 80.7689, 77.2290,
98.5806

■ 65.1007, 46.5679,
91.2757

■ 87.8624, 91.1885,
101.6460

■ 61.5957, 39.7808,
89.4202

■ 91.5329, 98.3011,
103.5738

■ 58.8627, 34.5365,
87.8254

■ 91.6764, 98.3585,
104.3295

56.8405, 30.7129,
86.4711

91.8206, 98.4162,
105.0889

55.4590, 28.1695,
85.3337

91.9655, 98.4742,
105.8519

54.6336, 26.7372,
84.3851

92.1111, 98.5324,
106.6187

54.2645, 26.1777,
83.7104

92.2574, 98.5909,
107.3892

92.4045, 98.6497,
108.1634

Harmonies

Analogous

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



68.5759, 65.1939, 114.0206



74.6377, 65.1939, 95.8386



77.2940, 65.1939, 73.3873

Triad

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



74.6377, 65.1939, 95.8386



62.7980, 65.1939, 37.5619



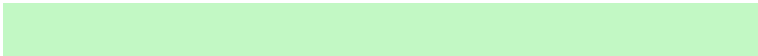
50.0911, 65.1939, 90.8996

Complementary

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



74.6377, 65.1939, 95.8386



65.7819, 82.5915, 64.7028

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.



48.8095, 65.1939, 68.6359



74.6377, 65.1939, 95.8386



55.7930, 65.1939, 40.4227

Square

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



74.6377, 65.1939, 95.8386



70.1246, 65.1939, 42.0768



50.8144, 65.1939, 50.8490



54.4640, 65.1939, 110.7933

Rectangle

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



74.6377, 65.1939, 95.8386



76.6313, 65.1939, 59.9241



50.8144, 65.1939, 50.8490



49.3003, 65.1939, 83.3298

Sweetspot

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



74.6397, 65.1967, 95.8400



89.5113, 89.0928, 106.5295



58.9510, 57.0733, 96.7172



19.0621, 18.8786, 22.7597



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.



74.6397, 65.1967, 95.8400



77.0302, 64.5891, 100.9551



70.8180, 63.6681, 75.7152



17.9636, 17.5128, 21.6642



29.3254, 14.1459, 45.2837



2.7245, 1.3135, 4.2385

Inverse Universe

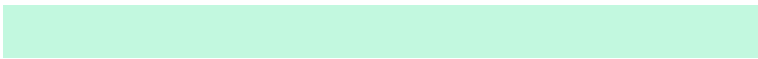
The Inverse Universe completely reimagines the original color for something new.



74.6397, 65.1967, 95.8400



77.0302, 64.5891, 100.9551



69.1102, 83.9229, 82.2294



17.9636, 17.5128, 21.6642



29.3254, 14.1459, 45.2837



2.7245, 1.3135, 4.2385

Previews

White Background



This preview shows how the XYZ color 74.6377, 65.1939, 95.8386 looks on a white background.

Color Contrast Check

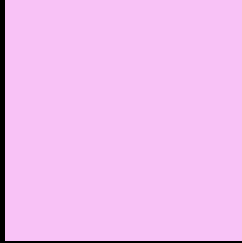
Large Text (above 18pt) WCAG AA × Fail

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 74.6377, 65.1939, 95.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

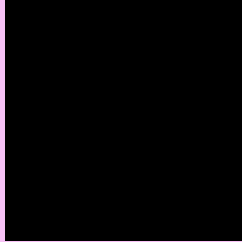
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6377, 65.1939, 95.8386

Background



This preview shows how black text looks on a background with the XYZ color 74.6377, 65.1939, 95.8386.



This preview shows how white text looks on a background with the XYZ color 74.6377, 65.1939,

95.8386.

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

74.6377, 65.1939, 95.8386

Protanopia

64.9379, 65.2384, 103.7774

Deuteranopia

67.0157, 65.4260, 94.6843



Tritanopia

70.2282, 65.4479, 73.2213

Trichromacy



Original Color

74.6377, 65.1939, 95.8386



Protanomaly

68.0770, 65.1194, 101.0767



Deuteranomaly

69.5969, 65.3276, 95.3275



Tritanomaly

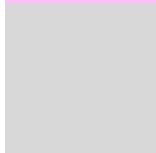
71.5777, 65.2916, 80.7815

Monochromacy



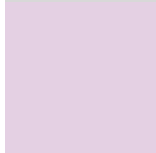
Original Color

74.6377, 65.1939, 95.8386



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.4159, 67.1518, 82.0287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6377, 65.1939, 95.8386 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(248, 194, 246)` looks like.

```
.text, #text, p{  
    color:rgb(248, 194, 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(248, 194, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 194, 246) }
```

Border

The CSS property to change the border of an element to XYZ 74.6377, 65.1939, 95.8386 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(248, 194, 246) }
```


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

```
.border{ border-color:rgb(248, 194, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 194, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 194, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 194, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 194,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6377, 65.1939, 95.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 194, 246) }
```

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

```
.background{ background-color: rgb(248,  
194, 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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