

Converting Colors

XYZ(107.9262, 81.6314,
93.5554)

Have a look what the booklet for
XYZ(107.9262, 81.6314, 93.5554)
contains.

XYZ(75.9668, 65.3101, 91.8213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.9668, 65.3101,
91.8213)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0F1
RGB	255, 192, 241
RGB Percent	100%, 75%, 95%
CMY	0.0000, 0.2470, 0.0549
CMYK	0.00, 0.25, 0.05, 0.00
HSL	313°, 100%, 88%
HSV	313°, 25%, 100%
XYZ	75.9668, 65.3101, 91.8213
YIQ	216.4230, 21.8190, 28.5950

Conversions

Conversions Part 2

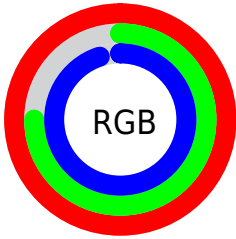
Format	Color
R _Y B	255, 192, 241
Decimal	16761073
CIE Lab	84.64, 30.21, -15.43
CIE LCh	85, 33.921, 332.939
Yxy	65.3101, 0.3259, 0.2802
Android (android.graphics.Color)	4294951153 (0xFFFFC0F1)
YUV	216.4230, 12.1165, 33.8320
Hunter-Lab	80.8147, 26.3666, -10.7948

Details

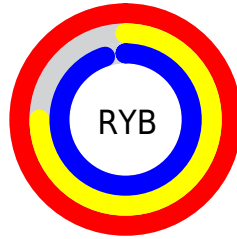
The XYZ color **75.9668, 65.3101, 91.8213** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.6408, 87.1837, 71.6058**, and the grayscale version is **65.4695, 68.8790, 75.0092**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **41.1341, 33.6855, 50.2329** is the 20% darker color. If you saturate the color by 10%, you get **70.0121, 54.7342, 85.7256**, and if you desaturate by 10%, it is **82.9207, 77.8417, 98.3818**.

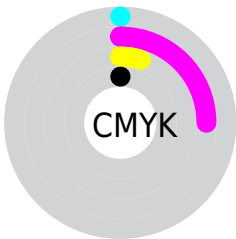
Distribution



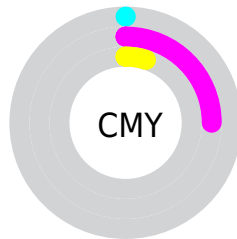
- Red (100%)
- Green (75%)
- Blue (95%)



- Red (100%)
- Yellow (75%)
- Blue (95%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9668, 65.3101, 91.8213 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 75.9668, 65.3101, 91.8213 by changing the saturation by 10% instead.


 75.9668, 65.3101,
91.8213

 75.9668, 65.3101,
91.8213


470.1802,
443.9055, 554.6601

 56.7022, 47.7126,
68.9100


 126.6606,
112.4956, 151.8232

 41.0054, 33.5993,
50.1671

158.8205,
142.8523, 189.7510

 28.5110, 22.5860,
35.1741


196.0096,
178.2309, 233.5213

 18.8536, 14.2881,
23.5124

238.5933,
219.0157, 283.5527

 11.6680, 8.3213,
14.7635

286.9368,
265.5912, 340.2637

 6.5886, 4.3012,
8.5088

341.4055,

 3.2502, 1.8435,

318.3417, 404.0729

4.3298

402.3649,
377.6517, 475.3989

■ 1.2874, 0.5140,
1.8079

■ 0.1738, 0.0000,
0.4332

■ 75.9668, 65.3101,
91.8213

■ 75.9668, 65.3101,
91.8213

■ 70.0121, 54.7342,
85.7256

■ 82.9207, 77.8417,
98.3818

■ 65.0020, 46.0060,
80.0726

■ 90.9161, 92.4141,
105.4196

■ 60.8833, 39.0190,
74.8443

95.0500, 100.0000,
108.9000

■ 57.5953, 33.6528,
70.0193

■ 55.0701, 29.7713,
65.5737

■ 53.2283, 27.2165,
61.4799

■ 51.9725, 25.7937,
57.7041

■ 51.4715, 25.3526,
55.8083

Harmonies

Analogous

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



70.3347, 65.3101, 112.1673



75.9668, 65.3101, 91.8213



77.7831, 65.3101, 68.9945

Triad

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



75.9668, 65.3101, 91.8213



61.3316, 65.3101, 37.0647



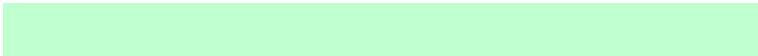
50.6389, 65.3101, 96.2838

Complementary

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



75.9668, 65.3101, 91.8213



68.6408, 87.1837, 71.6058

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.



48.6388, 65.3101, 73.2716



75.9668, 65.3101, 91.8213



54.4892, 65.3101, 41.5399

Square

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



75.9668, 65.3101, 91.8213



68.9384, 65.3101, 40.0634



49.9897, 65.3101, 53.7764



55.6835, 65.3101, 115.0901

Rectangle

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



75.9668, 65.3101, 91.8213



76.4743, 65.3101, 56.0643



49.9897, 65.3101, 53.7764



49.6076, 65.3101, 88.6357

Sweetspot

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



75.9683, 65.3127, 91.8227



88.9855, 88.8824, 103.7603



62.2587, 57.9942, 102.5204



18.9400, 18.8298, 22.1165



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.



75.9683, 65.3127, 91.8227



72.6927, 59.4732, 88.5370



71.7056, 63.6077, 69.3757



18.6097, 18.2272, 21.8279



26.9536, 13.2707, 29.4700



2.6649, 1.3083, 3.0828

Inverse Universe

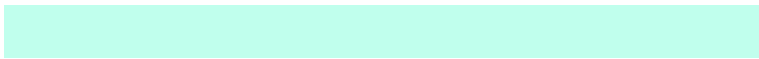
The Inverse Universe completely reimagines the original color for something new.



75.9683, 65.3127, 91.8227



72.6927, 59.4732, 88.5370



72.8079, 88.8505, 93.5494



18.6097, 18.2272, 21.8279



26.9536, 13.2707, 29.4700



2.6649, 1.3083, 3.0828

Previews

White Background



This preview shows how the XYZ color 75.9668, 65.3101, 91.8213 looks on a white background.

Color Contrast Check

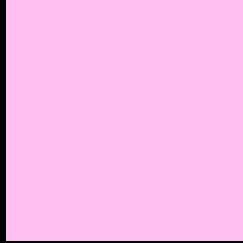
Large Text (above 18pt) WCAG AA × Fail

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 75.9668, 65.3101, 91.8213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

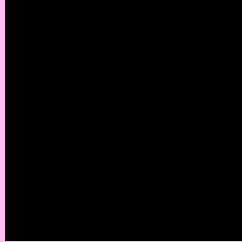
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9668, 65.3101, 91.8213

Background



This preview shows how black text looks on a background with the XYZ color 75.9668, 65.3101, 91.8213.



This preview shows how white text looks on a background with the XYZ color 75.9668, 65.3101,

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

75.9668, 65.3101, 91.8213

Protanopia

65.4048, 65.8815, 102.1977

Deuteranopia

67.0191, 65.5313, 90.0054



Tritanopia

71.6336, 65.1952, 71.0958

Trichromacy



Original Color

75.9668, 65.3101, 91.8213



Protanomaly

68.5790, 65.0810, 98.5699



Deuteranomaly

70.0709, 65.3289, 90.5780



Tritanomaly

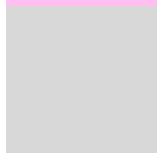
72.9793, 65.0534, 78.5222

Monochromacy



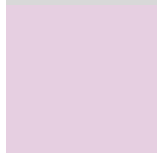
Original Color

75.9668, 65.3101, 91.8213



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.5366, 66.8849, 80.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9668, 65.3101, 91.8213 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, 192, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 241)  
}
```

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, 192, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 241) }
```

Border

The CSS property to change the border of an element to XYZ 75.9668, 65.3101, 91.8213 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, 192, 241) }
```


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

```
.border{ border-color:rgb(255, 192, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9668, 65.3101, 91.8213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 241) }
```

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

```
.background{ background-color: rgb(255,  
192, 241) }
```

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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