

Converting Colors

XYZ(65.2642, 51.3336, 74.1800)

Have a look what the booklet for
XYZ(65.2642, 51.3336, 74.1800)
contains.

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Color

**XYZ(65.2629, 51.3320,
74.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA2DC
RGB	250, 162, 220
RGB Percent	98%, 64%, 86%
CMY	0.0196, 0.3647, 0.1373
CMYK	0.00, 0.35, 0.12, 0.02
HSL	320°, 90%, 81%
HSV	320°, 35%, 98%
XYZ	65.2629, 51.3320, 74.1785
YIQ	194.9240, 33.8300, 36.6940

Conversions

Conversions Part 2

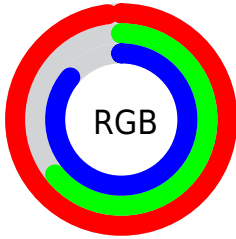
Format	Color
R _Y B	250, 162, 220
Decimal	16425692
CIE Lab	76.88, 40.77, -15.85
CIE LCh	77, 43.737, 338.760
Yxy	51.3320, 0.3421, 0.2691
Android (android.graphics.Color)	4294615772 (0xFFFAA2DC)
YUV	194.9240, 12.3625, 48.3017
Hunter-Lab	71.6464, 37.2151, -11.2330

Details

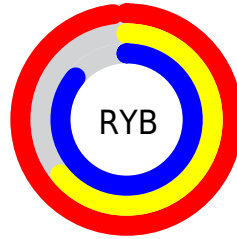
The XYZ color **65.2629, 51.3320, 74.1785** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.6025, 79.8598, 62.1985**, and the grayscale version is **51.7426, 54.4372, 59.2821**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **33.9984, 24.8604, 38.6039** is the 20% darker color. If you saturate the color by 10%, you get **60.1890, 42.9444, 67.0593**, and if you desaturate by 10%, it is **71.2728, 61.4981, 81.8948**.

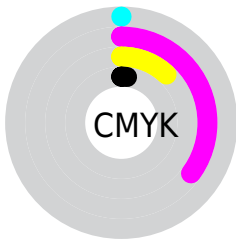
Distribution



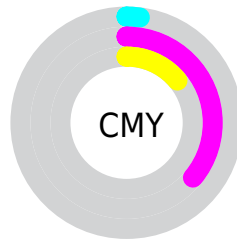
- Red (98%)
- Green (64%)
- Blue (86%)



- Red (98%)
- Yellow (64%)
- Blue (86%)



- Cyan (0%)
- Magenta (35%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (36%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2629, 51.3320, 74.1785 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 65.2629, 51.3320, 74.1785 by changing the saturation by 10% instead.

 65.2629, 51.3320,
74.1785


 65.2629, 51.3320,
74.1785


433.2664,
391.8523, 494.2691

 47.9398, 36.4729,
54.4425

 111.4913, 92.1453,
126.8852

 33.9903, 24.7996,
38.5599


 141.1274,
118.8684, 160.6929

 23.0490, 15.9278,
26.1124


175.5984,
150.3148, 200.0283

 14.7506, 9.4731,
16.6812

215.2699,
186.8691, 245.3099

 8.7297, 5.0510,
9.8479

260.5070,
228.9156, 296.9563

 4.6210, 2.2772,
5.1940

311.6753,

 2.0591, 0.7616,

276.8387, 355.3859

2.3008

369.1399,
331.0228, 421.0173

■ 0.6668, 0.0000,
0.7317

■ 0.0000, 0.0000,
0.0000

■ 65.2629, 51.3320,
74.1785

■ 65.2629, 51.3320,
74.1785

■ 60.1890, 42.9444,
67.0593

■ 71.2728, 61.4981,
81.8948

■ 55.9935, 36.2234,
60.5122

■ 78.2627, 73.5315,
90.2252

■ 52.6194, 31.0560,
54.5144

■ 86.2794, 87.5237,
99.1900

■ 50.0007, 27.3113,
49.0395

■ 93.0890, 99.0059,
108.0485

■ 48.0606, 24.8373,
44.0574

■ 93.2346, 99.0641,
108.8150

■ 46.7046, 23.4466,
39.5321

■ 46.1951, 23.0323,
37.4979

Harmonies

Analogous

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



59.5007, 51.3320, 99.7476



65.2629, 51.3320, 74.1785



66.3613, 51.3320, 49.2038

Triad

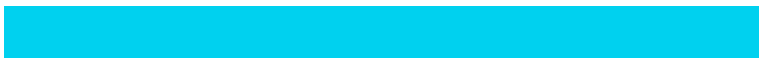
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.2629, 51.3320, 74.1785



46.3947, 51.3320, 21.7487



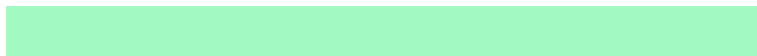
37.3525, 51.3320, 89.7440

Complementary

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



65.2629, 51.3320, 74.1785



58.6025, 79.8598, 62.1985

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.



34.6306, 51.3320, 63.1600



65.2629, 51.3320, 74.1785



39.4477, 51.3320, 27.2468

Square

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



65.2629, 51.3320, 74.1785



54.8149, 51.3320, 23.1513



35.3514, 51.3320, 40.8884



43.2227, 51.3320, 110.3645

Rectangle

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



65.2629, 51.3320, 74.1785



64.1929, 51.3320, 36.6266



35.3514, 51.3320, 40.8884



36.0712, 51.3320, 80.9479

Sweetspot

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



65.2644, 51.3344, 74.1796



85.2437, 82.7901, 98.2236



51.7478, 43.8652, 96.1825



18.0068, 17.3044, 20.7544



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.



65.2644, 51.3344, 74.1796



64.5329, 47.4959, 72.4304



60.2492, 49.3283, 47.7696



17.7269, 17.4181, 20.4174



24.5733, 12.2450, 20.2591



2.3255, 1.1540, 2.1377

Inverse Universe

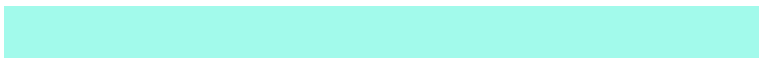
The Inverse Universe completely reimagines the original color for something new.



65.2644, 51.3344, 74.1796



64.5329, 47.4959, 72.4304



64.1313, 82.0713, 91.3125



17.7269, 17.4181, 20.4174



24.5733, 12.2450, 20.2591



2.3255, 1.1540, 2.1377

Previews

White Background



This preview shows how the XYZ color 65.2629, 51.3320, 74.1785 looks on a white background.

Color Contrast Check

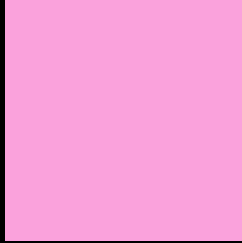
Large Text (above 18pt) WCAG AA × Fail

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 65.2629, 51.3320, 74.1785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

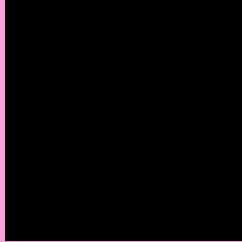
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2629, 51.3320, 74.1785

Background



This preview shows how black text looks on a background with the XYZ color 65.2629, 51.3320, 74.1785.



This preview shows how white text looks on a background with the XYZ color 65.2629, 51.3320,

74.1785.

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

65.2629, 51.3320, 74.1785

Protanopia

51.7759, 51.6045, 88.1207

Deuteranopia

52.7696, 51.5261, 72.1300



Tritanopia

60.6375, 51.3462, 50.9708

Trichromacy



Original Color

65.2629, 51.3320, 74.1785



Protanomaly

55.4457, 50.8471, 82.4935



Deuteranomaly

56.5654, 51.0530, 72.5185



Tritanomaly

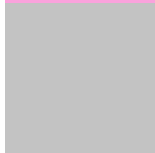
61.9578, 51.0321, 58.8092

Monochromacy



Original Color

65.2629, 51.3320, 74.1785



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.8569, 52.6737, 64.3498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2629, 51.3320, 74.1785 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, 162, 220)` looks like.

```
.text, #text, p{  
    color:rgb(250, 162, 220)  
}
```

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, 162, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 162, 220) }
```

Border

The CSS property to change the border of an element to XYZ 65.2629, 51.3320, 74.1785 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, 162, 220) }
```


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

```
.border{ border-color:rgb(250, 162, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 162, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 162, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 162, 220);  
box-shadow:4px 4px 4px 4px rgb(250, 162,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2629, 51.3320, 74.1785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 162, 220) }
```

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

```
.background{ background-color: rgb(250,  
162, 220) }
```

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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