

Converting Colors

XYZ(65.6681, 51.0901, 82.7442)

Have a look what the booklet for
XYZ(65.6681, 51.0901, 82.7442)
contains.

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Color

**XYZ(65.6681, 51.0901,
82.7442)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A1E8
RGB	247, 161, 232
RGB Percent	97%, 63%, 91%
CMY	0.0314, 0.3686, 0.0902
CMYK	0.00, 0.35, 0.06, 0.03
HSL	310°, 84%, 80%
HSV	310°, 35%, 97%
XYZ	65.6681, 51.0901, 82.7442
YIQ	194.8080, 28.4650, 40.3130

Conversions

Conversions Part 2

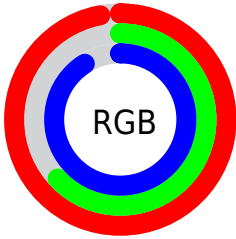
Format	Color
R _Y B	247, 161, 232
Decimal	16228840
CIE Lab	76.73, 42.31, -22.63
CIE LCh	77, 47.977, 331.862
Yxy	51.0901, 0.3292, 0.2561
Android (android.graphics.Color)	4294418920 (0xFFF7A1E8)
YUV	194.8080, 18.3357, 45.7724
Hunter-Lab	71.4773, 38.9073, -18.6017

Details

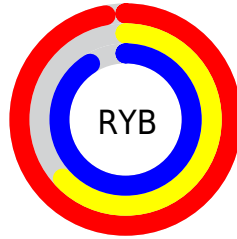
The XYZ color **65.6681, 51.0901, 82.7442** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.7973, 77.2347, 53.0444**, and the grayscale version is **51.6415, 54.3308, 59.1663**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **34.1853, 24.6785, 44.0360** is the 20% darker color. If you saturate the color by 10%, you get **61.1664, 43.0533, 78.2614**, and if you desaturate by 10%, it is **71.0405, 60.8425, 87.5923**.

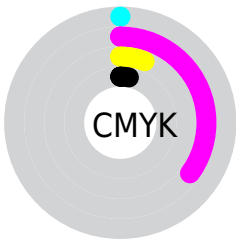
Distribution



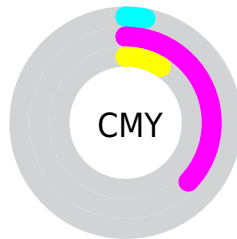
- Red (97%)
- Green (63%)
- Blue (91%)



- Red (97%)
- Yellow (63%)
- Blue (91%)



- Cyan (0%)
- Magenta (35%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6681, 51.0901, 82.7442 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 65.6681, 51.0901, 82.7442 by changing the saturation by 10% instead.

 65.6681, 51.0901,
82.7442


 65.6681, 51.0901,
82.7442


434.6963,
390.9137, 524.0823

 48.2697, 36.2803,
61.4398


 112.0702, 91.7879,
139.0632

 34.2527, 24.6508,
44.1473

 141.8047,
118.4448, 174.9148

 23.2516, 15.8171,
30.4483

176.3818,
149.8195, 216.4525

 14.9011, 9.3948,
19.9242

216.1671,
186.2963, 264.0949

 8.8359, 4.9996,
12.1564

261.5259,
228.2598, 318.2606

 4.6905, 2.2470,
6.7265

312.8234,

 2.0997, 0.7454,

276.0943, 379.3680

3.2158

370.4251,
330.1841, 447.8357

0.6891, 0.0000,
1.2058

0.0000, 0.0000,
0.0000

65.6681, 51.0901,
82.7442

65.6681, 51.0901,
82.7442

61.1664, 43.0533,
78.2614

71.0405, 60.8425,
87.5923

57.4801, 36.6243,
74.1234

77.3253, 72.3964,
92.8185

54.5549, 31.6939,
70.3122

84.5671, 85.8399,
98.4388

52.3278, 28.1363,
66.8060

91.2537, 98.1486,
103.9496

■ 50.7257, 25.8052,
63.5801

■ 91.9345, 98.4209,
107.5346

■ 49.6585, 24.5208,
60.6039

■ 92.1682, 98.5144,
108.7651

■ 49.2473, 24.1300,
59.1362

Harmonies

Analogous

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



58.3869, 51.0901, 109.9202



65.6681, 51.0901, 82.7442



68.2162, 51.0901, 54.0171

Triad

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



65.6681, 51.0901, 82.7442



47.9937, 51.0901, 19.0879



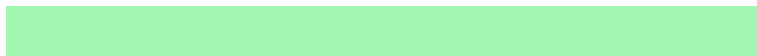
35.1713, 51.0901, 86.4712

Complementary

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



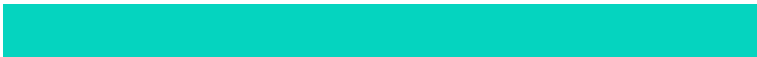
65.6681, 51.0901, 82.7442



55.7973, 77.2347, 53.0444

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.



33.0961, 51.0901, 57.2715



65.6681, 51.0901, 82.7442



39.9019, 51.0901, 23.0154

Square

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



65.6681, 51.0901, 82.7442



57.2813, 51.0901, 22.1237



34.7151, 51.0901, 35.1966



40.7715, 51.0901, 112.5024

Rectangle

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



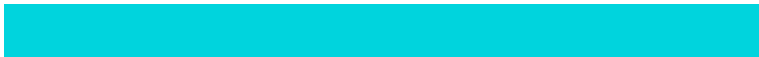
65.6681, 51.0901, 82.7442



66.6624, 51.0901, 38.9871



34.7151, 51.0901, 35.1966



34.0722, 51.0901, 76.4370

Sweetspot

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



65.6697, 51.0924, 82.7453



86.7399, 84.5125, 102.6378



47.2898, 41.3604, 93.4875



18.3342, 17.6594, 21.7878



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.



65.6697, 51.0924, 82.7453



67.0009, 48.4831, 85.4265



60.3624, 48.9695, 54.7975



17.0823, 16.7158, 20.1799



26.0922, 12.7803, 31.5238



2.3252, 1.1360, 2.9387

Inverse Universe

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



65.6697, 51.0924, 82.7453



67.0009, 48.4831, 85.4265



60.6592, 79.1795, 78.6466



17.0823, 16.7158, 20.1799



26.0922, 12.7803, 31.5238



2.3252, 1.1360, 2.9387

Previews

White Background



This preview shows how the XYZ color 65.6681, 51.0901, 82.7442 looks on a white background.

Color Contrast Check

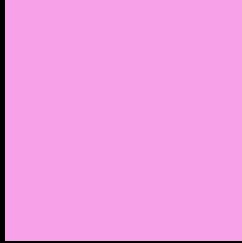
Large Text (above 18pt) WCAG AA × Fail

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 65.6681, 51.0901, 82.7442 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 65.6681, 51.0901, 82.7442

Background



This preview shows how black text looks on a background with the XYZ color 65.6681, 51.0901, 82.7442.



This preview shows how white text looks on a background with the XYZ color 65.6681, 51.0901,

82.7442.

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

65.6681, 51.0901, 82.7442

Protanopia

52.1962, 51.2763, 98.4131

Deuteranopia

52.5878, 51.2465, 80.5187



Tritanopia

59.1976, 50.8691, 51.4984

Trichromacy



Original Color

65.6681, 51.0901, 82.7442



Protanomaly

55.8027, 50.5146, 92.3971



Deuteranomaly

56.5322, 50.5567, 80.9076



Tritanomaly

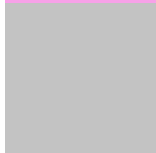
61.3235, 50.9092, 61.8527

Monochromacy



Original Color

65.6681, 51.0901, 82.7442



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

56.0502, 52.7172, 66.8958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6681, 51.0901, 82.7442 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(247, 161, 232)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 232)  
}
```

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(247, 161, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 232) }
```

Border

The CSS property to change the border of an element to XYZ 65.6681, 51.0901, 82.7442 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(247, 161, 232) }
```


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

```
.border{ border-color:rgb(247, 161, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 161, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 161, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 161, 232);  
box-shadow:4px 4px 4px 4px rgb(247, 161,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6681, 51.0901, 82.7442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 161, 232) }
```

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

```
.background{ background-color: rgb(247,  
161, 232) }
```

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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