

Converting Colors

XYZ(41.4364, 35.9718, 65.7321)

Have a look what the booklet for
XYZ(41.4364, 35.9718, 65.7321)
contains.

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Color

**XYZ(41.4364, 35.9718,
65.7321)**

Conversions

Conversions Part 1

Format	Color
Hex	B595D2
RGB	181, 149, 210
RGB Percent	71%, 58%, 82%
CMY	0.2902, 0.4157, 0.1765
CMYK	0.14, 0.29, 0.00, 0.18
HSL	271°, 40%, 70%
HSV	271°, 29%, 82%
XYZ	41.4364, 35.9718, 65.7321
YIQ	165.5220, -0.5090, 25.7550

Conversions

Conversions Part 2

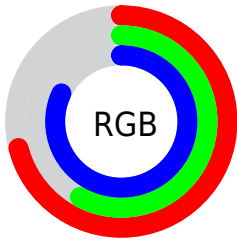
Format	Color
R _Y B	181, 149, 210
Decimal	11900370
CIE Lab	66.50, 23.53, -26.79
CIE LCh	66, 35.659, 311.290
Yxy	35.9718, 0.2895, 0.2513
Android (android.graphics.Color)	4290090450 (0xFFB595D2)
YUV	165.5220, 21.9277, 13.5742
Hunter-Lab	59.9765, 18.3627, -22.9962

Details

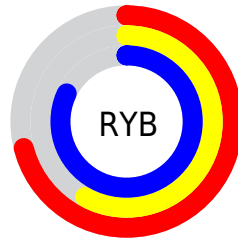
The XYZ color **41.4364, 35.9718, 65.7321** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.8326, 57.7290, 37.1098**, and the grayscale version is **35.9140, 37.7843, 41.1471**.

A 20% lighter version of the original color is **74.3310, 67.9364, 103.8031**, and **19.0365, 15.6139, 33.0208** is the 20% darker color. If you saturate the color by 10%, you get **36.1512, 28.7525, 64.6178**, and if you desaturate by 10%, it is **47.4907, 44.4786, 67.0556**.

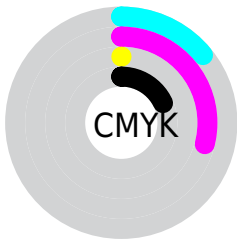
Distribution



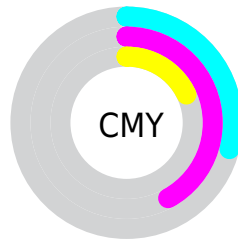
- Red (71%)
- Green (58%)
- Blue (82%)



- Red (71%)
- Yellow (58%)
- Blue (82%)



- Cyan (14%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4364, 35.9718, 65.7321 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 41.4364, 35.9718, 65.7321 by changing the saturation by 10% instead.

■ 41.4364, 35.9718,
65.7321

■ 41.4364, 35.9718,
65.7321

343.1728,
328.8373, 463.7962

■ 28.8494, 24.4124,
47.5999

■ 76.6165, 68.9885,
114.7251

■ 19.1106, 15.6398,
33.1524

■ 99.9402, 91.2147,
146.4229

■ 11.8547, 9.2697,
21.9711

127.5736,
117.7652, 183.4796

■ 6.7163, 4.9175,
13.6376

159.8821,
149.0245, 226.3138

■ 3.3301, 2.1989,
7.7332

197.2308,
185.3770, 275.3440

■ 1.3306, 0.7194,
3.8394

239.9853,

■ 0.2060, 0.0000,

227.2070, 330.9888

1.5376

288.5108,
274.8989, 393.6667

■ 0.0000, 0.0000,
0.2457

■ 0.0000, 0.0000,
0.0000

■ 41.4364, 35.9718,
65.7321

■ 41.4364, 35.9718,
65.7321

■ 36.1512, 28.7525,
64.6178

■ 47.4907, 44.4786,
67.0556

■ 31.5960, 22.7500,
63.6993

■ 54.3438, 54.3298,
68.5958

■ 27.7330, 17.8935,
62.9655

■ 62.0280, 65.5842,
70.3631

■ 24.5194, 14.1028,
62.4032

■ 70.5726, 78.2956,
72.3663

■ 21.9068, 11.2868,
61.9973

■ 80.0055, 92.5152,
74.6138

■ 19.8386, 9.3383,
61.7302

■ 83.6359, 94.8571,
74.8745

■ 18.2249, 8.0837,
61.5731

■ 87.1363, 96.6616,
75.0383

■ 18.0838, 7.9787,
61.5603

■ 88.6330, 97.4332,
75.1084

Harmonies

Analogous

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



36.2436, 35.9718, 75.7386



41.4364, 35.9718, 65.7321



44.8869, 35.9718, 49.3968

Triad

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



41.4364, 35.9718, 65.7321



37.5968, 35.9718, 17.3670



25.0628, 35.9718, 45.2219

Complementary

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



41.4364, 35.9718, 65.7321



46.8326, 57.7290, 37.1098

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.



25.3440, 35.9718, 30.4574



41.4364, 35.9718, 65.7321



32.2157, 35.9718, 16.7996

Square

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



41.4364, 35.9718, 65.7321



42.5155, 35.9718, 22.7673



27.8421, 35.9718, 20.9409



27.0293, 35.9718, 61.9983

Rectangle

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



41.4364, 35.9718, 65.7321



45.5386, 35.9718, 38.5077



27.8421, 35.9718, 20.9409



24.9035, 35.9718, 39.8341

Sweetspot

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



41.4376, 35.9733, 65.7329



84.2599, 84.2105, 106.4210



40.0453, 43.0775, 67.1775



17.6834, 17.5147, 22.6986



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.



41.4376, 35.9733, 65.7329



58.9567, 48.4835, 100.8586



48.8333, 39.8005, 65.4199



11.7470, 11.7184, 14.8864



11.1477, 4.9271, 37.5560



0.7146, 0.3226, 2.1042

Inverse Universe

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



45.3628, 38.4123, 47.1443



66.2382, 53.0046, 66.5308



40.9486, 54.6862, 37.2601



12.0394, 11.9005, 13.4833



17.6608, 8.9372, 8.3859



1.0275, 0.5157, 0.6794

Previews

White Background



This preview shows how the XYZ color 41.4364, 35.9718, 65.7321 looks on a white background.

Color Contrast Check

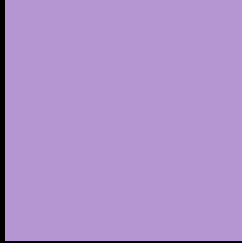
Large Text (above 18pt) WCAG AA × Fail

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 41.4364, 35.9718, 65.7321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

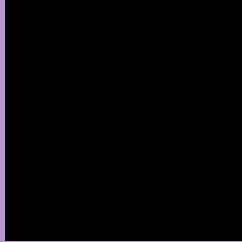
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4364, 35.9718, 65.7321

Background



This preview shows how black text looks on a background with the XYZ color 41.4364, 35.9718, 65.7321.



This preview shows how white text looks on a background with the XYZ color 41.4364, 35.9718,

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

41.4364, 35.9718, 65.7321

Protanopia

36.9027, 36.2233, 71.3765

Deuteranopia

36.9202, 36.1226, 64.7010



Tritanopia

36.6740, 35.9772, 42.5475

Trichromacy



Original Color

41.4364, 35.9718, 65.7321

Protanomaly

38.2548, 35.9523, 69.2132

Deuteranomaly

38.3342, 35.8327, 65.2176

Tritanomaly

38.3388, 35.9190, 50.2598

Monochromacy



Original Color

41.4364, 35.9718, 65.7321

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.8089, 37.1769, 49.4391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4364, 35.9718, 65.7321 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(181, 149, 210)` looks like.

```
.text, #text, p{  
    color:rgb(181, 149, 210)  
}
```

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(181, 149, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 149, 210) }
```

Border

The CSS property to change the border of an element to XYZ 41.4364, 35.9718, 65.7321 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(181, 149, 210) }
```


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

```
.border{ border-color:rgb(181, 149, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 149, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 149, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 149, 210); box-shadow:4px 4px 4px 4px rgb(181, 149, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4364, 35.9718, 65.7321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 149, 210) }
```

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

```
.background{ background-color: rgb(181,  
149, 210) }
```

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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