

Converting Colors

XYZ(42.5621, 41.7164, 64.2013)

Have a look what the booklet for
XYZ(42.5621, 41.7164, 64.2013)
contains.

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Color

**XYZ(42.5621, 41.7164,
64.2013)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA9CE
RGB	173, 169, 206
RGB Percent	68%, 66%, 81%
CMY	0.3216, 0.3372, 0.1922
CMYK	0.16, 0.18, 0.00, 0.19
HSL	246°, 27%, 74%
HSV	246°, 18%, 81%
XYZ	42.5621, 41.7164, 64.2013
YIQ	174.4140, -9.4930, 12.3550

Conversions

Conversions Part 2

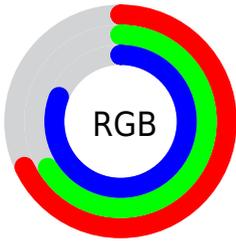
Format	Color
R_{YB}	173, 169, 206
Decimal	11381198
CIE _{Lab}	70.67, 8.93, -18.27
CIE _{LCh}	71, 20.336, 296.050
Yxy	41.7164, 0.2867, 0.2810
Android (android.graphics.Color)	4289571278 (0xFFADA9CE)
YUV	174.4140, 15.5719, -1.2401
Hunter-Lab	64.5882, 4.5978, -13.7230

Details

The XYZ color **42.5621, 41.7164, 64.2013** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.5913, 59.5648, 46.2106**, and the grayscale version is **40.3719, 42.4744, 46.2546**.

A 20% lighter version of the original color is **77.0188, 77.1893, 105.4474**, and **19.7745, 18.9826, 32.3276** is the 20% darker color. If you saturate the color by 10%, you get **35.2403, 32.6948, 62.8465**, and if you desaturate by 10%, it is **51.0490, 52.2370, 65.7853**.

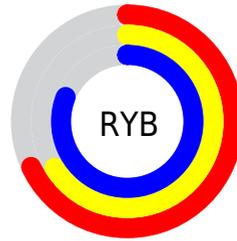
Distribution



Red (68%)

Green (66%)

Blue (81%)



Red (68%)

Yellow (66%)

Blue (81%)

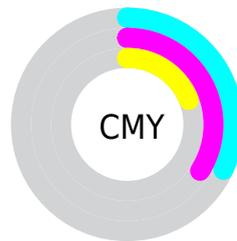


Cyan (16%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (32%)

Magenta (34%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5621, 41.7164, 64.2013 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 42.5621, 41.7164, 64.2013 by changing the saturation by 10% instead.

■ 42.5621, 41.7164,
64.2013

■ 42.5621, 41.7164,
64.2013

347.7599,
353.3060, 458.1436

■ 29.7347, 28.8793,
46.3665

■ 78.3095, 77.7702,
112.5030

■ 19.7844, 18.9895,
32.1844

101.9602,
101.7557, 143.8071

■ 12.3458, 11.6627,
21.2364

129.9494,
130.2262, 180.4379

■ 7.0535, 6.5144,
13.1040

162.6424,
163.5659, 222.8142

■ 3.5422, 3.1603,
7.3686

200.4046,
202.1594, 271.3543

■ 1.4466, 1.2160,
3.6118

243.6013,

■ 0.2890, 0.0747,

246.3909, 326.4769

1.4149

292.5980,
296.6450, 388.6005

■ 0.0000, 0.0000,
0.1533

■ 0.0000, 0.0000,
0.0000

■ 42.5621, 41.7164,
64.2013

■ 42.5621, 41.7164,
64.2013

■ 35.2403, 32.6948,
62.8465

■ 51.0490, 52.2370,
65.7853

■ 29.0289, 25.0990,
61.7078

■ 60.7449, 64.3153,
67.6057

■ 23.8746, 18.8573,
60.7747

■ 71.6961, 78.0128,
69.6724

■ 19.7179, 13.8899,
60.0349

■ 83.9453, 93.3865,
71.9942

■ 16.4938, 10.1083,
59.4749

■ 88.1407, 97.2363,
72.5161

■ 14.1290, 7.4128,
59.0793

■ 12.5394, 5.6872,
58.8300

■ 11.6126, 4.7673,
58.7013

■ 11.4774, 4.6298,
58.6819

Harmonies

Analogous

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



39.2058, 41.7164, 66.5463



42.5621, 41.7164, 64.2013



45.2673, 41.7164, 56.5849

Triad

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



42.5621, 41.7164, 64.2013



43.3772, 41.7164, 31.7110



33.5352, 41.7164, 44.1566

Complementary

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



42.5621, 41.7164, 64.2013



53.5913, 59.5648, 46.2106

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.



34.5181, 41.7164, 35.8333



42.5621, 41.7164, 64.2013



40.0979, 41.7164, 29.3206

Square

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



42.5621, 41.7164, 64.2013



45.7563, 41.7164, 37.7557



36.8742, 41.7164, 30.7163



34.1130, 41.7164, 54.0617

Rectangle

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



42.5621, 41.7164, 64.2013



46.2718, 41.7164, 50.0407



36.8742, 41.7164, 30.7163



33.6925, 41.7164, 41.0967

Sweetspot

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



42.5634, 41.7181, 64.2022



87.0558, 90.0398, 107.3988



48.6950, 55.2743, 66.4957



18.4018, 18.9839, 22.9443



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.



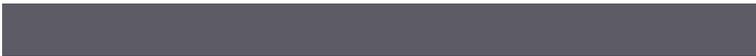
42.5634, 41.7181, 64.2022



63.6169, 60.9946, 103.0279



46.8661, 43.9363, 64.4036



10.7124, 10.9011, 14.1099



7.1078, 2.8718, 36.1360



0.4056, 0.1682, 1.8660

Inverse Universe

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



50.3036, 45.7638, 62.0610



78.7296, 68.8965, 98.7205



48.9533, 57.1738, 45.9936



11.6333, 11.3820, 13.8695



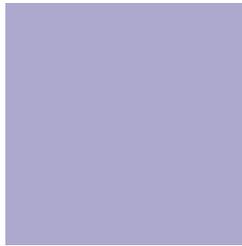
21.0061, 10.2130, 28.8143



1.0990, 0.5330, 1.5672

Previews

White Background



This preview shows how the XYZ color 42.5621, 41.7164, 64.2013 looks on a white background.

Color Contrast Check

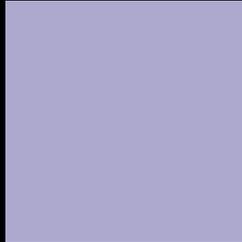
Large Text (above 18pt) WCAG AA × Fail

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 42.5621, 41.7164, 64.2013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

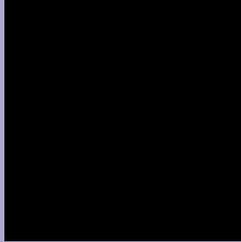
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

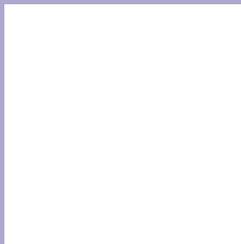
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5621, 41.7164, 64.2013

Background



This preview shows how black text looks on a background with the XYZ color 42.5621, 41.7164, 64.2013.



This preview shows how white text looks on a background with the XYZ color 42.5621, 41.7164,

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

42.5621, 41.7164, 64.2013

Protanopia

41.4651, 41.6792, 65.5340

Deuteranopia

42.5621, 41.7164, 64.2013



Tritanopia

40.1930, 41.5963, 52.3649

Trichromacy



Original Color

42.5621, 41.7164, 64.2013

Protanomaly

41.7857, 41.5793, 64.8547

Deuteranomaly

42.5621, 41.7164, 64.2013

Tritanomaly

40.9831, 41.6340, 56.3282

Monochromacy



Original Color

42.5621, 41.7164, 64.2013

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.0710, 42.0489, 52.4059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5621, 41.7164, 64.2013 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(173, 169, 206)` looks like.

```
.text, #text, p{  
    color:rgb(173, 169, 206)  
}
```

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(173, 169, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 169, 206) }
```

Border

The CSS property to change the border of an element to XYZ 42.5621, 41.7164, 64.2013 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(173, 169, 206) }
```


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

```
.border{ border-color:rgb(173, 169, 206) }
```

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

Here you see how a box with a 4 pixel rgb(173, 169, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 169, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 169, 206);  
box-shadow:4px 4px 4px 4px rgb(173, 169,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5621, 41.7164, 64.2013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 169, 206) }
```

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

```
.background{ background-color: rgb(173,  
169, 206) }
```

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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