

Converting Colors

XYZ(41.1738, 35.3775, 62.3167)

Have a look what the booklet for
XYZ(41.1738, 35.3775, 62.3167)
contains.

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Color

**XYZ(41.2203, 35.4656,
62.4306)**

Conversions

Conversions Part 1

Format	Color
Hex	B893CD
RGB	184, 147, 205
RGB Percent	72%, 58%, 80%
CMY	0.2784, 0.4235, 0.1961
CMYK	0.10, 0.28, 0.00, 0.20
HSL	278°, 37%, 69%
HSV	278°, 28%, 80%
XYZ	41.2203, 35.4656, 62.4306
YIQ	164.6750, 3.4340, 25.8820

Conversions

Conversions Part 2

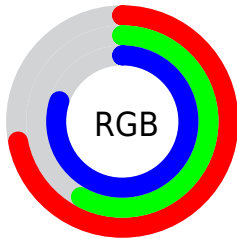
Format	Color
RYB	184, 147, 205
Decimal	12096461
CIELab	66.11, 24.55, -24.59
CIELCh	66, 34.741, 314.954
Yxy	35.4656, 0.2963, 0.2549
Android (android.graphics.Color)	4290286541 (0xFFB893CD)
YUV	164.6750, 19.8802, 16.9480
Hunter-Lab	59.5530, 19.3331, -20.4678

Details

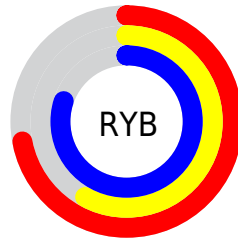
The XYZ color **41.2203, 35.4656, 62.4306** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.2475, 54.0950, 35.7675**, and the grayscale version is **35.5164, 37.3660, 40.6915**.

A 20% lighter version of the original color is **75.2123, 67.6941, 103.7099**, and **18.9747, 15.3459, 31.2401** is the 20% darker color. If you saturate the color by 10%, you get **36.5807, 28.7565, 61.3807**, and if you desaturate by 10%, it is **46.5235, 43.3618, 63.6758**.

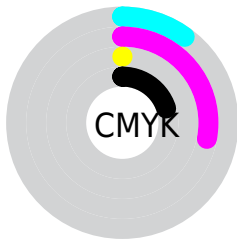
Distribution



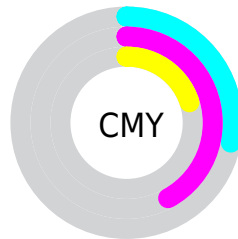
- Red (72%)
- Green (58%)
- Blue (80%)



- Red (72%)
- Yellow (58%)
- Blue (80%)



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)





- Cyan (28%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2203, 35.4656, 62.4306 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 41.2203, 35.4656, 62.4306 by changing the saturation by 10% instead.


 41.2203, 35.4656,
62.4306


 41.2203, 35.4656,
62.4306


342.2874,
326.6187, 451.5510

 28.6797, 24.0218,
44.9427


 76.2908, 68.2064,
109.9253

 18.9817, 15.3498,
31.0697


 99.5514, 90.2722,
140.7691

 11.7610, 9.0652,
20.3930


127.1161,
116.6474, 176.9019

 6.6522, 4.7837,
12.4941

159.3501,
147.7164, 218.7424

 3.2899, 2.1209,
6.9545

196.6189,
183.8637, 266.7090

 1.3089, 0.6764,
3.3557

239.2878,

 0.1898, 0.0000,

225.4736, 321.2203

1.2790

287.7222,
272.9304, 382.6948

■ 0.0000, 0.0000,
0.0445

■ 0.0000, 0.0000,
0.0000

■ 41.2203, 35.4656,
62.4306

■ 41.2203, 35.4656,
62.4306

■ 36.5807, 28.7565,
61.3807

■ 46.5235, 43.3618,
63.6758

■ 32.5697, 23.1690,
60.5136

■ 52.5163, 52.4973,
65.1232

■ 29.1541, 18.6380,
59.8190

■ 59.2271, 62.9264,
66.7826

■ 26.2957, 15.0894,
59.2848

■ 66.6819, 74.6988,
68.6620

■ 23.9517, 12.4397,
58.8969

■ 74.9052, 87.8617,
70.7692

■ 22.0716, 10.5904,
58.6390

■ 78.9452, 92.5098,
71.4535

■ 20.5800, 9.3929,
58.4865

■ 81.3584, 93.7538,
71.5664

■ 20.3447, 9.2151,
58.4646

■ 83.8739, 95.0507,
71.6841

■ 86.4931, 96.4009,
71.8067

Harmonies

Analogous

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



36.3360, 35.4656, 73.1091



41.2203, 35.4656, 62.4306



44.2328, 35.4656, 46.4760

Triad

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



41.2203, 35.4656, 62.4306



36.3520, 35.4656, 17.1538



24.9993, 35.4656, 46.4266

Complementary

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



41.2203, 35.4656, 62.4306



43.2475, 54.0950, 35.7675

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.



25.0026, 35.4656, 31.6963



41.2203, 35.4656, 62.4306



31.2117, 35.4656, 17.1470

Square

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



41.2203, 35.4656, 62.4306



41.2331, 35.4656, 21.8109



27.1705, 35.4656, 21.7891



27.1609, 35.4656, 62.3866

Rectangle

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



41.2203, 35.4656, 62.4306



44.5972, 35.4656, 36.2124



27.1705, 35.4656, 21.7891



24.7550, 35.4656, 41.1237

Sweetspot

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



41.2214, 35.4671, 62.4314



86.2185, 86.2938, 106.7199



37.1054, 38.7162, 63.2755



18.1174, 17.9523, 22.7602



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.



41.2214, 35.4671, 62.4314



62.7271, 51.1209, 101.1690



45.7202, 37.8915, 57.8885



11.2783, 11.1928, 14.1364



12.7725, 5.7920, 36.4011



0.7402, 0.3407, 1.8817

Inverse Universe

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



42.6797, 36.6753, 41.8771



65.6875, 53.5319, 61.3258



39.7592, 52.2242, 38.8795



11.3774, 11.2797, 12.5219



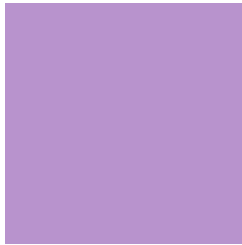
16.4895, 8.4064, 5.0305



0.8868, 0.4481, 0.4499

Previews

White Background



This preview shows how the XYZ color 41.2203, 35.4656, 62.4306 looks on a white background.

Color Contrast Check

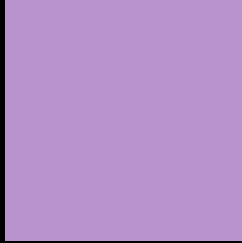
Large Text (above 18pt) WCAG AA × Fail

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 41.2203, 35.4656, 62.4306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

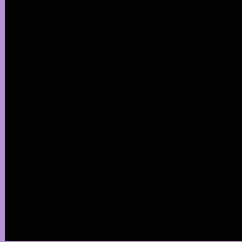
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2203, 35.4656, 62.4306

Background



This preview shows how black text looks on a background with the XYZ color 41.2203, 35.4656, 62.4306.



This preview shows how white text looks on a background with the XYZ color 41.2203, 35.4656,

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

41.2203, 35.4656, 62.4306

Protanopia

36.3898, 35.7623, 68.6032

Deuteranopia

36.5239, 35.7341, 61.4723



Tritanopia

36.7986, 35.3294, 40.9561

Trichromacy



Original Color

41.2203, 35.4656, 62.4306

Protanomaly

37.9764, 35.6194, 66.5017

Deuteranomaly

38.1806, 35.5778, 61.9816

Tritanomaly

38.1272, 35.1318, 47.9516

Monochromacy



Original Color

41.2203, 35.4656, 62.4306

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.4783, 36.5197, 48.2537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2203, 35.4656, 62.4306 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(184, 147, 205)` looks like.

```
.text, #text, p{  
    color:rgb(184, 147, 205)  
}
```

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(184, 147, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 147, 205) }
```

Border

The CSS property to change the border of an element to XYZ 41.2203, 35.4656, 62.4306 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(184, 147, 205) }
```


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

```
.border{ border-color:rgb(184, 147, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 147, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 147, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 147, 205);  
box-shadow:4px 4px 4px 4px rgb(184, 147,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2203, 35.4656, 62.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 147, 205) }
```

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

```
.background{ background-color: rgb(184,  
147, 205) }
```

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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