

Converting Colors

XYZ(42.1712, 35.2243, 61.2150)

Have a look what the booklet for
XYZ(42.1712, 35.2243, 61.2150)
contains.

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Color

**XYZ(42.2386, 35.3347,
61.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	BF90CB
RGB	191, 144, 203
RGB Percent	75%, 56%, 80%
CMY	0.2510, 0.4353, 0.2039
CMYK	0.06, 0.29, 0.00, 0.20
HSL	288°, 36%, 68%
HSV	288°, 29%, 80%
XYZ	42.2386, 35.3347, 61.0940
YIQ	164.7790, 9.0730, 28.3130

Conversions

Conversions Part 2

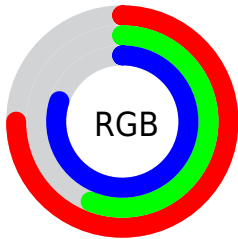
Format	Color
R_{YB}	191, 144, 203
Decimal	12554443
CIE _{Lab}	66.01, 28.07, -23.57
CIE _{LCh}	66, 36.653, 319.989
Yxy	35.3347, 0.3046, 0.2548
Android (android.graphics.Color)	4290744523 (0xFFBF90CB)
YUV	164.7790, 18.8430, 22.9958
Hunter-Lab	59.4430, 22.8121, -19.3267

Details

The XYZ color **42.2386, 35.3347, 61.0940** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.1015, 51.7943, 34.2710**, and the grayscale version is **35.5689, 37.4213, 40.7518**.

A 20% lighter version of the original color is **76.9555, 67.5646, 103.5930**, and **19.6557, 15.3170, 30.3543** is the 20% darker color. If you saturate the color by 10%, you get **38.4126, 29.2018, 60.1124**, and if you desaturate by 10%, it is **46.6490, 42.5913, 62.2628**.

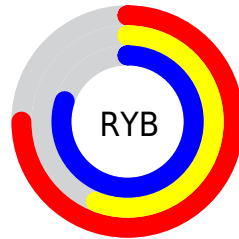
Distribution



Red (75%)

Green (56%)

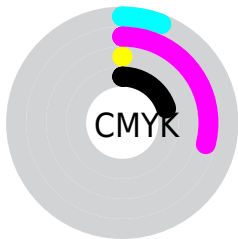
Blue (80%)



Red (75%)

Yellow (56%)

Blue (80%)

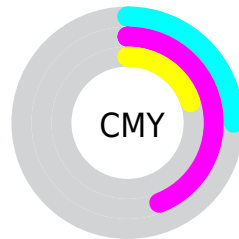


Cyan (6%)

Magenta (29%)

Yellow (0%)

Black (20%)



Cyan (25%)


Magenta (44%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2386, 35.3347, 61.0940 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 42.2386, 35.3347, 61.0940 by changing the saturation by 10% instead.


 42.2386, 35.3347,
61.0940

 42.2386, 35.3347,
61.0940


346.4459,
326.0432, 446.5347

 29.4801, 23.9208,
43.8700


 77.8235, 68.0039,
107.9739

 19.5904, 15.2749,
30.2319


 101.3806, 90.0281,
138.4668

 12.2042, 9.0125,
19.7611


129.2680,
116.3578, 174.2198

 6.9561, 4.7494,
12.0392

161.8509,
147.3774, 215.6514

 3.4807, 2.1010,
6.6475

199.4949,
183.4714, 263.1802

 1.4128, 0.6652,
3.1676

242.5651,

 0.2653, 0.0000,

225.0241, 317.2246

1.1808

291.4270,
272.4199, 378.2033

■ 0.0000, 0.0000,
0.0000

■ 42.2386, 35.3347,
61.0940

■ 42.2386, 35.3347,
61.0940

■ 38.4126, 29.2018,
60.1124

■ 46.6490, 42.5913,
62.2628

■ 35.1377, 24.1288,
59.3058

■ 51.6680, 51.0221,
63.6255

■ 32.3823, 20.0522,
58.6642

■ 57.3225, 60.6799,
65.1916

■ 30.1103, 16.8998,
58.1755

■ 63.6370, 71.6130,
66.9691

■ 28.2804, 14.5896,
57.8260

■ 70.6343, 83.8670,
68.9656

■ 26.8442, 13.0252,
57.5997

■ 74.7920, 90.3965,
70.0068

■ 25.7207, 12.0449,
57.4697

■ 76.0256, 91.0324,
70.0645

■ 25.6215, 11.9631,
57.4592

■ 77.2901, 91.6843,
70.1237

■ 78.5857, 92.3522,
70.1843

Harmonies

Analogous

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



37.2839, 35.3347, 73.9967



42.2386, 35.3347, 61.0940



44.9589, 35.3347, 43.9124

Triad

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



42.2386, 35.3347, 61.0940



35.4336, 35.3347, 15.8907



24.6924, 35.3347, 49.6345

Complementary

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



42.2386, 35.3347, 61.0940



40.1015, 51.7943, 34.2710

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.



24.3113, 35.3347, 33.5033



42.2386, 35.3347, 61.0940



30.1384, 35.3347, 16.6495

Square

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



42.2386, 35.3347, 61.0940



40.7591, 35.3347, 19.8060



26.2015, 35.3347, 22.2650



27.3056, 35.3347, 66.2409

Rectangle

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



42.2386, 35.3347, 61.0940



44.9598, 35.3347, 33.5134



26.2015, 35.3347, 22.2650



24.3107, 35.3347, 43.9004

Sweetspot

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



42.2397, 35.3362, 61.0948



86.4642, 85.3468, 106.5242



34.3029, 34.2834, 61.3099



18.2278, 17.7954, 22.7241



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.



42.2397, 35.3362, 61.0948



66.5149, 52.3799, 101.2124



43.4960, 36.2018, 51.3086



11.4554, 11.2841, 14.1447



16.3816, 7.6526, 36.5700



0.9031, 0.4247, 1.8893

Inverse Universe

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



40.6038, 35.0449, 36.0784



63.4724, 51.8982, 51.9660



39.2669, 51.2053, 41.4029



11.3041, 11.2504, 12.1359



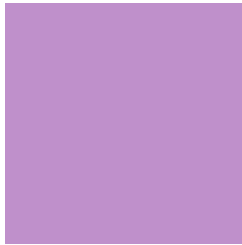
15.9581, 8.1938, 2.2322



0.8512, 0.4339, 0.2623

Previews

White Background



This preview shows how the XYZ color 42.2386, 35.3347, 61.0940 looks on a white background.

Color Contrast Check

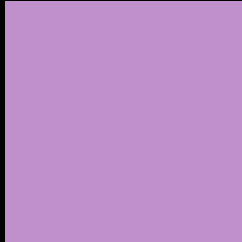
Large Text (above 18pt) WCAG AA × Fail

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 42.2386, 35.3347, 61.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

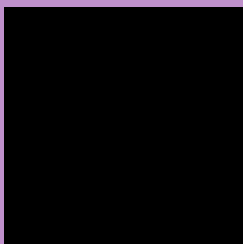
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2386, 35.3347, 61.0940

Background



This preview shows how black text looks on a background with the XYZ color 42.2386, 35.3347, 61.0940.



This preview shows how white text looks on a background with the XYZ color 42.2386, 35.3347,

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

42.2386, 35.3347, 61.0940

Protanopia

36.2128, 35.6711, 68.5949

Deuteranopia

36.1926, 35.3520, 59.5596



Tritanopia

37.8467, 35.4151, 39.4914

Trichromacy



Original Color

42.2386, 35.3347, 61.0940

Protanomaly

38.0888, 35.4457, 65.8070

Deuteranomaly

38.1330, 35.1085, 60.0251

Tritanomaly

39.2768, 35.2740, 46.8579

Monochromacy



Original Color

42.2386, 35.3347, 61.0940

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.6492, 36.3673, 47.6831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2386, 35.3347, 61.0940 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(191, 144, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 144, 203)  
}
```

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(191, 144, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 144, 203) }
```

Border

The CSS property to change the border of an element to XYZ 42.2386, 35.3347, 61.0940 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(191, 144, 203) }
```


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

```
.border{ border-color:rgb(191, 144, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 144, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 144, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 144, 203);  
box-shadow:4px 4px 4px 4px rgb(191, 144,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2386, 35.3347, 61.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 144, 203) }
```

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

```
.background{ background-color: rgb(191,  
144, 203) }
```

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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