

Converting Colors

XYZ(42.2530, 34.2253, 51.9561)

Have a look what the booklet for
XYZ(42.2530, 34.2253, 51.9561)
contains.

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Color

**XYZ(42.2530, 34.2253,
51.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	C98ABC
RGB	201, 138, 188
RGB Percent	79%, 54%, 74%
CMY	0.2118, 0.4588, 0.2627
CMYK	0.00, 0.31, 0.06, 0.21
HSL	312°, 37%, 66%
HSV	312°, 31%, 79%
XYZ	42.2530, 34.2253, 51.9561
YIQ	162.5370, 21.4980, 28.9060

Conversions

Conversions Part 2

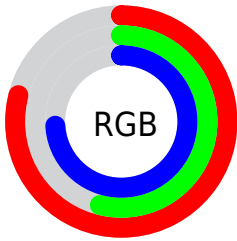
Format	Color
R _Y B	201, 138, 188
Decimal	13208252
CIE Lab	65.14, 31.86, -16.39
CIE LCh	65, 35.824, 332.776
Yxy	34.2253, 0.3290, 0.2665
Android (android.graphics.Color)	4291398332 (0xFFC98ABC)
YUV	162.5370, 12.5533, 33.7321
Hunter-Lab	58.5024, 26.5414, -11.7039

Details

The XYZ color **42.2530, 34.2253, 51.9561** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.9552, 49.4120, 36.8700**, and the grayscale version is **34.5313, 36.3296, 39.5629**.

A 20% lighter version of the original color is **76.4188, 65.4909, 94.2013**, and **19.6354, 14.6767, 24.7196** is the 20% darker color. If you saturate the color by 10%, you get **39.1912, 28.8066, 48.7612**, and if you desaturate by 10%, it is **45.8634, 40.7195, 55.3981**.

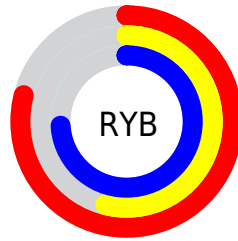
Distribution



Red (79%)

Green (54%)

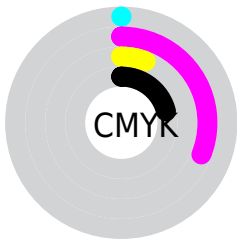
Blue (74%)



Red (79%)

Yellow (54%)

Blue (74%)

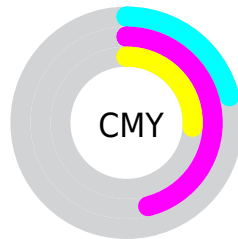


Cyan (0%)

Magenta (31%)

Yellow (6%)

Black (21%)



Cyan (21%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2530, 34.2253, 51.9561 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 42.2530, 34.2253, 51.9561 by changing the saturation by 10% instead.

42.2530, 34.2253,
51.9561

42.2530, 34.2253,
51.9561

346.5045,
321.1355, 411.2192

29.4914, 23.0667,
36.5881

77.8452, 66.2839,
94.4924

19.5990, 14.6428,
24.5954

101.4064, 87.9527,
122.4978

12.2105, 8.5691,
15.5596

129.2983,
113.8937, 155.5527

6.9604, 4.4612,
9.0621

161.8862,
144.4913, 194.0757

3.4835, 1.9347,
4.6844

199.5354,
180.1299, 238.4853

1.4143, 0.5691,
2.0078

242.6113,

0.2664, 0.0000,

221.1938, 289.2001

0.5601

291.4792,
268.0676, 346.6385

■ 0.0000, 0.0000,
0.0000

■ 42.2530, 34.2253,
51.9561

■ 42.2530, 34.2253,
51.9561

■ 39.1912, 28.8066,
48.7612

■ 45.8634, 40.7195,
55.3981

■ 36.6453, 24.3997,
45.8007

■ 50.0465, 48.3391,
59.0945

■ 34.5838, 20.9416,
43.0641


■ 54.8290, 57.1364,
63.0552


■ 32.9706, 18.3599,
40.5388


■ 60.2346, 67.1590,
67.2885


■ 31.7643, 16.5721,
38.2103


■ 66.2861, 78.4520,
71.8026


 30.9155, 15.4796,
36.0618

 71.8438, 88.7361,
76.2180

 30.3911, 14.9390,
34.3203

 72.3769, 88.9493,
79.0250

 72.9235, 89.1680,
81.9034

 73.4838, 89.3921,
84.8538

Harmonies

Analogous

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



38.2471, 34.2253, 66.8900



42.2530, 34.2253, 51.9561



43.5707, 34.2253, 35.8962

Triad

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



42.2530, 34.2253, 51.9561



32.0484, 34.2253, 15.3613



24.8286, 34.2253, 55.0110

Complementary

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



42.2530, 34.2253, 51.9561



36.9552, 49.4120, 36.8700

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.



23.5325, 34.2253, 38.6692



42.2530, 34.2253, 51.9561



27.4132, 34.2253, 18.0058

Square

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



42.2530, 34.2253, 51.9561



37.3207, 34.2253, 17.1656



24.4264, 34.2253, 25.6434



28.1681, 34.2253, 68.9586

Rectangle

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



42.2530, 34.2253, 51.9561



42.6446, 34.2253, 27.2453



24.4264, 34.2253, 25.6434



24.1566, 34.2253, 49.4831

Sweetspot

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



42.2540, 34.2268, 51.9568



87.4074, 85.9201, 102.6369



32.3210, 28.9369, 59.1410



18.4618, 17.9376, 21.7595



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.



42.2540, 34.2268, 51.9568



68.4798, 51.7462, 84.9783



39.2544, 33.0270, 36.1611



10.9857, 10.7777, 12.9080



19.1424, 9.4065, 21.7576



0.9307, 0.4551, 1.1584

Inverse Universe

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



42.2540, 34.2268, 51.9568



68.4798, 51.7462, 84.9783



39.8230, 50.5591, 51.9714



10.9857, 10.7777, 12.9080



19.1424, 9.4065, 21.7576



0.9307, 0.4551, 1.1584

Previews

White Background



This preview shows how the XYZ color 42.2530, 34.2253, 51.9561 looks on a white background.

Color Contrast Check

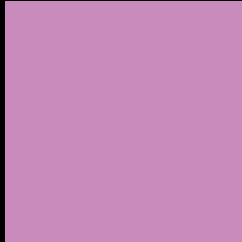
Large Text (above 18pt) WCAG AA × Fail

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 42.2530, 34.2253, 51.9561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

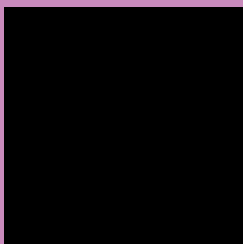
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2530, 34.2253, 51.9561

Background



This preview shows how black text looks on a background with the XYZ color 42.2530, 34.2253, 51.9561.



This preview shows how white text looks on a background with the XYZ color 42.2530, 34.2253,

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

42.2530, 34.2253, 51.9561

Protanopia

34.6322, 34.5340, 60.0988

Deuteranopia

35.1762, 34.5225, 50.7085



Tritanopia

38.9156, 34.1834, 35.5573

Trichromacy



Original Color

42.2530, 34.2253, 51.9561

Protanomaly

36.8065, 34.0137, 56.8499

Deuteranomaly

37.5149, 34.2702, 51.0919

Tritanomaly

39.9368, 34.1418, 41.0443

Monochromacy



Original Color

42.2530, 34.2253, 51.9561

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.1335, 35.4369, 43.9126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2530, 34.2253, 51.9561 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(201, 138, 188)` looks like.

```
.text, #text, p{  
    color:rgb(201, 138, 188)  
}
```

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(201, 138, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 138, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.2530, 34.2253, 51.9561 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(201, 138, 188) }
```


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

```
.border{ border-color:rgb(201, 138, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 138, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 138, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 138, 188);  
box-shadow:4px 4px 4px 4px rgb(201, 138,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2530, 34.2253, 51.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 138, 188) }
```

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

```
.background{ background-color: rgb(201,  
138, 188) }
```

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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