

Converting Colors

XYZ(43.0524, 35.5723, 57.6890)

Have a look what the booklet for
XYZ(43.0524, 35.5723, 57.6890)
contains.

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Color

**XYZ(42.9265, 35.5465,
57.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	C58FC5
RGB	197, 143, 197
RGB Percent	77%, 56%, 77%
CMY	0.2274, 0.4392, 0.2274
CMYK	0.00, 0.27, 0.00, 0.23
HSL	300°, 32%, 67%
HSV	300°, 27%, 77%
XYZ	42.9265, 35.5465, 57.4220
YIQ	165.3020, 14.8500, 28.2420

Conversions

Conversions Part 2

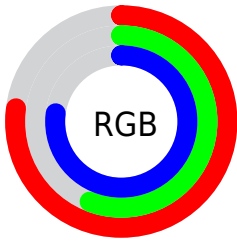
Format	Color
RYB	197, 143, 197
Decimal	12947397
CIELab	66.17, 29.43, -19.91
CIELCh	66, 35.531, 325.920
Yxy	35.5465, 0.3159, 0.2616
Android (android.graphics.Color)	4291137477 (0xFFC58FC5)
YUV	165.3020, 15.6271, 27.7991
Hunter-Lab	59.6209, 24.1818, -15.3687

Details

The XYZ color **42.9265, 35.5465, 57.4220** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.2534, 47.7565, 33.2958**, and the grayscale version is **35.8324, 37.6985, 41.0537**.

A 20% lighter version of the original color is **78.7287, 68.1591, 102.7725**, and **19.9404, 15.3882, 27.9059** is the 20% darker color. If you saturate the color by 10%, you get **40.2252, 30.1433, 56.5218**, and if you desaturate by 10%, it is **46.1493, 41.9914, 58.4968**.

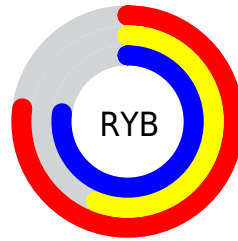
Distribution



Red (77%)

Green (56%)

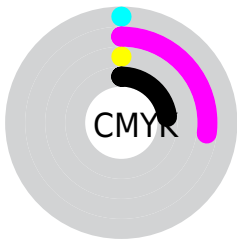
Blue (77%)



Red (77%)

Yellow (56%)

Blue (77%)

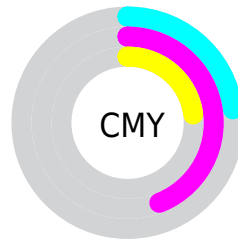


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (23%)



Cyan (23%)


Magenta (44%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9265, 35.5465, 57.4220 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 42.9265, 35.5465, 57.4220 by changing the saturation by 10% instead.


 42.9265, 35.5465,
57.4220


 42.9265, 35.5465,
57.4220


349.2361,
326.9740, 432.5667

 30.0217, 24.0842,
40.9325


 78.8563, 68.3315,
102.5871

 20.0032, 15.3961,
27.9471


 102.6121, 90.4230,
132.0999

 12.5057, 9.0978,
18.0471


130.7156,
116.8263, 166.7908

 7.1637, 4.8050,
10.8140

163.5321,
147.9258, 207.0784

 3.6119, 2.1333,
5.8293

201.4271,
184.1059, 253.3812

 1.4850, 0.6833,
2.6745

244.7658,

 0.3156, 0.0000,

225.7511, 306.1179

0.9305

293.9137,
273.2457, 365.7068

■ 0.0000, 0.0000,
0.0000

■ 42.9265, 35.5465,
57.4220

■ 42.9265, 35.5465,
57.4220

■ 40.2252, 30.1433,
56.5218

■ 46.1493, 41.9914,
58.4968

■ 38.0150, 25.7229,
55.7850

■ 49.9155, 49.5238,
59.7523

■ 36.2673, 22.2275,
55.2023

■ 54.2497, 58.1921,
61.1971

■ 34.9493, 19.5916,
54.7629

■ 59.1741, 68.0409,
62.8387

■ 34.0239, 17.7409,
54.4543

■ 64.7097, 79.1120,
64.6840

■ 33.4478, 16.5886,
54.2621

■ 68.8646, 87.4218,
66.0691

■ 33.1597, 16.0125,
54.1660

■ 68.8646, 87.4218,
66.0692

■ 33.1043, 15.9017,
54.1475

■ 68.8647, 87.4218,
66.0694

■ 68.8647, 87.4218,
66.0695

Harmonies

Analogous

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



38.4281, 35.5465, 71.2465



42.9265, 35.5465, 57.4220



44.9766, 35.5465, 40.8133

Triad

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



42.9265, 35.5465, 57.4220



34.5145, 35.5465, 16.3182



25.4412, 35.5465, 52.8791

Complementary

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



42.9265, 35.5465, 57.4220



36.2534, 47.7565, 33.2958

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.



24.6248, 35.5465, 36.6689



42.9265, 35.5465, 57.4220



29.5335, 35.5465, 17.9770

Square

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



42.9265, 35.5465, 57.4220



39.8097, 35.5465, 19.2485



26.0447, 35.5465, 24.5724



28.4026, 35.5465, 68.1794

Rectangle

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



42.9265, 35.5465, 57.4220



44.5373, 35.5465, 31.2536



26.0447, 35.5465, 24.5724



24.9210, 35.5465, 47.2534

Sweetspot

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



42.9276, 35.5481, 57.4228



88.8839, 87.6679, 106.8445



31.2298, 29.5176, 56.8756



18.7928, 18.3004, 22.7918



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.



42.9276, 35.5481, 57.4228



73.8245, 57.5491, 101.8241



40.1055, 34.4192, 42.5615



11.0832, 10.8166, 13.4211



21.7739, 10.4591, 35.6148



1.0310, 0.4952, 1.6864

Inverse Universe

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



42.9276, 35.5481, 57.4228



73.8245, 57.5491, 101.8241



38.5510, 48.6756, 45.3952



11.0832, 10.8166, 13.4211



21.7739, 10.4591, 35.6148



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 42.9265, 35.5465, 57.4220 looks on a white background.

Color Contrast Check

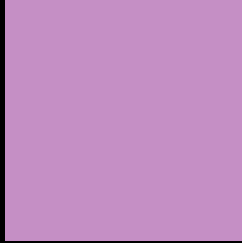
Large Text (above 18pt) WCAG AA × Fail

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 42.9265, 35.5465, 57.4220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

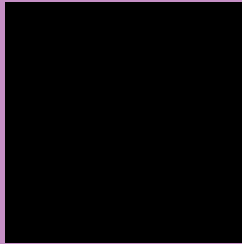
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9265, 35.5465, 57.4220

Background



This preview shows how black text looks on a background with the XYZ color 42.9265, 35.5465, 57.4220.



This preview shows how white text looks on a background with the XYZ color 42.9265, 35.5465,

57.4220.

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

42.9265, 35.5465, 57.4220

Protanopia

36.1195, 35.6956, 65.3078

Deuteranopia

36.4617, 35.8223, 56.0316



Tritanopia

39.0776, 35.5924, 38.5286

Trichromacy



Original Color

42.9265, 35.5465, 57.4220

Protanomaly

38.1366, 35.2972, 62.5606

Deuteranomaly

38.4751, 35.6068, 56.4747

Tritanomaly

40.3218, 35.3928, 44.7507

Monochromacy



Original Color

42.9265, 35.5465, 57.4220

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.1242, 36.6354, 46.6569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9265, 35.5465, 57.4220 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(197, 143, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 143, 197)  
}
```

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(197, 143, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 143, 197) }
```

Border

The CSS property to change the border of an element to XYZ 42.9265, 35.5465, 57.4220 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(197, 143, 197) }
```


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

```
.border{ border-color:rgb(197, 143, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 143, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 143, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 143, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 143,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9265, 35.5465, 57.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 143, 197) }
```

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

```
.background{ background-color: rgb(197,  
143, 197) }
```

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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