

Converting Colors

XYZ(50.0912, 43.2202, 86.5912)

Have a look what the booklet for
XYZ(50.0912, 43.2202, 86.5912)
contains.

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Color

**XYZ(50.0912, 43.2202,
86.5912)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A2EE
RGB	192, 162, 238
RGB Percent	75%, 64%, 93%
CMY	0.2470, 0.3647, 0.0667
CMYK	0.19, 0.32, 0.00, 0.07
HSL	264°, 69%, 78%
HSV	264°, 32%, 93%
XYZ	50.0912, 43.2202, 86.5912
YIQ	179.6340, -6.5160, 29.9960

Conversions

Conversions Part 2

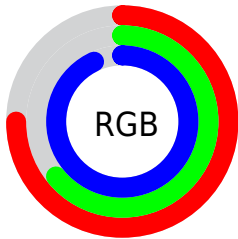
Format	Color
R _Y B	192, 162, 238
Decimal	12624622
CIE Lab	71.70, 25.84, -34.08
CIE LCh	72, 42.769, 307.165
Yxy	43.2202, 0.2784, 0.2402
Android (android.graphics.Color)	4290814702 (0xFFC0A2EE)
YUV	179.6340, 28.7744, 10.8450
Hunter-Lab	65.7421, 20.9568, -32.0735

Details

The XYZ color **50.0912, 43.2202, 86.5912** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.1099, 77.1687, 45.7531**, and the grayscale version is **43.0409, 45.2824, 49.3126**.

A 20% lighter version of the original color is **81.9298, 76.9854, 105.1493**, and **24.3360, 19.8476, 46.8043** is the 20% darker color. If you saturate the color by 10%, you get **42.8183, 33.8260, 85.1620**, and if you desaturate by 10%, it is **58.5174, 54.3887, 88.3035**.

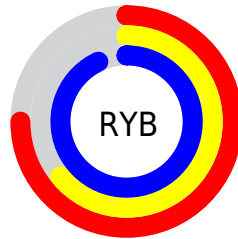
Distribution



Red (75%)

Green (64%)

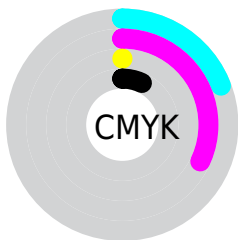
Blue (93%)



Red (75%)

Yellow (64%)

Blue (93%)

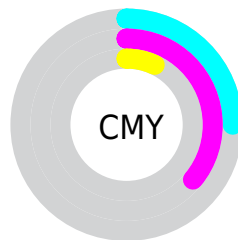


Cyan (19%)

Magenta (32%)

Yellow (0%)

Black (7%)



Cyan (25%)


Magenta (36%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0912, 43.2202, 86.5912 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 50.0912, 43.2202, 86.5912 by changing the saturation by 10% instead.


 50.0912, 43.2202,
86.5912


 50.0912, 43.2202,
86.5912


377.4686,
359.5166, 537.1599

 35.7040, 30.0579,
64.5993

 89.5010, 80.0430,
144.4880

 24.3747, 19.8826,
46.6869


 115.2543,
104.4724, 181.2300

 15.7380, 12.3097,
32.4357


145.5269,
133.4262, 223.7258

 9.4286, 6.9550,
21.4269

180.6844,
167.2890, 272.3938

 5.0812, 3.4340,
13.2421

221.0919,
206.4450, 327.6527

 2.3302, 1.3623,
7.4628

267.1148,

 0.8101, 0.1887,

251.2786, 389.9210

3.6704

319.1186,
302.1744, 459.6172

■ 0.0000, 0.0000,
1.4463

■ 0.0000, 0.0000,
0.1775

■ 50.0912, 43.2202,
86.5912

■ 50.0912, 43.2202,
86.5912

■ 42.8183, 33.8260,
85.1620

■ 58.5174, 54.3887,
88.3035

■ 36.6393, 26.1058,
83.9975

■ 68.1437, 67.4139,
90.3103

■ 31.4955, 19.9572,
83.0818

■ 79.0195, 82.3795,
92.6257

■ 27.3206, 15.2638,
82.3959

■ 90.4825, 97.9477,
95.0265

■ 24.0391, 11.8924,
81.9181

■ 92.4328, 98.9531,
95.1178

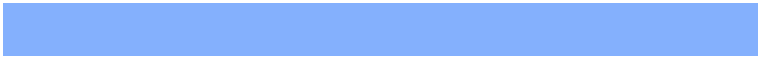
■ 21.5620, 9.6837,
81.6224

■ 20.0434, 8.5500,
81.4836

Harmonies

Analogous

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



42.8432, 43.2202, 98.8365



50.0912, 43.2202, 86.5912



55.3158, 43.2202, 64.3189

Triad

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



50.0912, 43.2202, 86.5912



46.7314, 43.2202, 19.0178



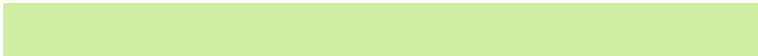
28.7405, 43.2202, 52.2176

Complementary

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



50.0912, 43.2202, 86.5912



63.1099, 77.1687, 45.7531

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.



29.5229, 43.2202, 33.2019



50.0912, 43.2202, 86.5912



39.3649, 43.2202, 17.5188

Square

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



50.0912, 43.2202, 86.5912



53.2222, 43.2202, 26.8238



33.2192, 43.2202, 21.8721



30.9403, 43.2202, 75.5385

Rectangle

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



50.0912, 43.2202, 86.5912



56.6379, 43.2202, 49.0622



33.2192, 43.2202, 21.8721



28.6682, 43.2202, 45.1120

Sweetspot

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



50.0927, 43.2220, 86.5922



81.9958, 81.9851, 106.1108



53.1021, 59.3915, 89.5546



17.1835, 17.0462, 22.6345



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.



50.0927, 43.2220, 86.5922



53.1500, 43.4906, 100.2010



60.7099, 48.6953, 87.0891



15.4876, 15.5331, 19.9035



11.3177, 4.8399, 45.4656



1.0503, 0.4587, 3.7874

Inverse Universe

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



59.5667, 48.5735, 65.9122



65.9758, 50.7446, 71.7929



53.8631, 72.4018, 45.3203



16.1746, 15.9196, 18.4759



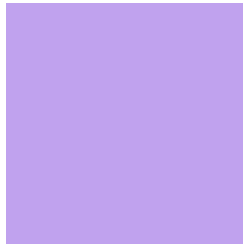
22.5477, 11.2915, 16.0667



1.9246, 0.9589, 1.5936

Previews

White Background



This preview shows how the XYZ color 50.0912, 43.2202, 86.5912 looks on a white background.

Color Contrast Check

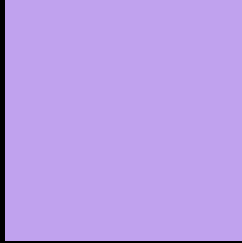
Large Text (above 18pt) WCAG AA × Fail

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 50.0912, 43.2202, 86.5912 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 50.0912, 43.2202, 86.5912

Background



This preview shows how black text looks on a background with the XYZ color 50.0912, 43.2202, 86.5912.



This preview shows how white text looks on a background with the XYZ color 50.0912, 43.2202,

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

50.0912, 43.2202, 86.5912

Protanopia

44.8689, 43.3748, 94.0030

Deuteranopia

44.3820, 43.3142, 85.3782



Tritanopia

43.1439, 43.1175, 52.5030

Trichromacy



Original Color

50.0912, 43.2202, 86.5912

Protanomaly

46.4535, 43.1231, 91.4632

Deuteranomaly

46.2686, 43.1483, 86.0106

Tritanomaly

45.2718, 42.8521, 63.6428

Monochromacy



Original Color

50.0912, 43.2202, 86.5912

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.2533, 44.2945, 61.4229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0912, 43.2202, 86.5912 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(192, 162, 238)` looks like.

```
.text, #text, p{  
    color:rgb(192, 162, 238)  
}
```

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(192, 162, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 162, 238) }
```

Border

The CSS property to change the border of an element to XYZ 50.0912, 43.2202, 86.5912 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(192, 162, 238) }
```


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

```
.border{ border-color:rgb(192, 162, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 162, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 162, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 162, 238);  
box-shadow:4px 4px 4px 4px rgb(192, 162,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0912, 43.2202, 86.5912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 162, 238) }
```

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

```
.background{ background-color: rgb(192,  
162, 238) }
```

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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