

Converting Colors

XYZ(43.7293, 24.2875, 92.8772)

Have a look what the booklet for
XYZ(43.7293, 24.2875, 92.8772)
contains.

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Color

**XYZ(43.5908, 24.2136,
92.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	C84BFA
RGB	200, 75, 250
RGB Percent	78%, 29%, 98%
CMY	0.2157, 0.7059, 0.0196
CMYK	0.20, 0.70, 0.00, 0.02
HSL	283°, 95%, 64%
HSV	283°, 70%, 98%
XYZ	43.5908, 24.2136, 92.8187
YIQ	132.3250, 18.3250, 80.9250

Conversions

Conversions Part 2

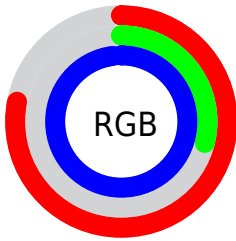
Format	Color
RYB	200, 75, 250
Decimal	13126650
CIELab	56.30, 73.94, -64.98
CIElCh	56, 98.438, 318.692
Yxy	24.2136, 0.2714, 0.1507
Android (android.graphics.Color)	4291316730 (0xFFC84BFA)
YUV	132.3250, 58.0138, 59.3510
Hunter-Lab	49.2073, 72.0132, -77.3923

Details

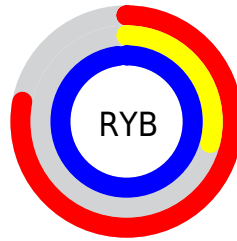
The XYZ color **43.5908, 24.2136, 92.8187** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **43.9136, 73.2397, 18.4795**, and the grayscale version is **21.8429, 22.9805, 25.0257**.

A 20% lighter version of the original color is **67.6775, 45.2551, 99.7758**, and **20.4989, 9.4685, 50.6164** is the 20% darker color. If you saturate the color by 10%, you get **40.3528, 20.5027, 92.2735**, and if you desaturate by 10%, it is **47.5857, 29.3036, 93.5910**.

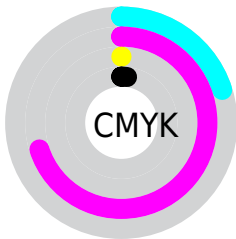
Distribution



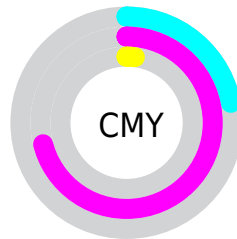
- Red (78%)
- Green (29%)
- Blue (98%)



- Red (78%)
- Yellow (29%)
- Blue (98%)



- Cyan (20%)
- Magenta (70%)
- Yellow (0%)
- Black (2%)





- Cyan (22%)
- Magenta (71%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5908, 24.2136, 92.8187 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 43.5908, 24.2136, 92.8187 by changing the saturation by 10% instead.


 43.5908, 24.2136,
92.8187


 43.5908, 24.2136,
92.8187


351.9163,
273.8986, 557.9629


 30.5455, 15.4921,
69.7340


 79.8518, 50.3785,
153.2171


 20.4031, 9.1655,
50.8342


 103.7982, 68.5908,
191.3679


 12.7984, 4.8493,
35.7009


 132.1090, 90.7355,
235.3778

 7.3659, 2.1591,
23.9154

 165.1495,
117.1969, 285.6654

 3.7403, 0.6976,
15.0593

 203.2852,
148.3596, 342.6491

 1.5563, 0.0000,
8.7139

246.8813,

 0.3637, 0.0000,

184.6078, 406.7476

4.4608

296.3032,
226.3260, 478.3793

■ 0.0000, 0.0000,
1.8814

■ 0.0000, 0.0000,
0.4809

■ 43.5908, 24.2136,
92.8187

■ 43.5908, 24.2136,
92.8187

■ 40.3528, 20.5027,
92.2735

■ 47.5857, 29.3036,
93.5910

■ 37.7842, 18.0013,
91.9261

■ 52.4052, 35.9099,
94.6122

■ 35.7477, 16.4353,
91.7311

■ 58.1125, 44.1560,
95.9030

■ 35.7474, 16.4351,
91.7311

■ 64.7633, 54.1516,
97.4818

72.4085, 65.9969,
99.3653

81.0952, 79.7844,
101.5687

90.8672, 95.6002,
104.1064

94.2554, 99.6822,
104.7157

Harmonies

Analogous

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



30.7350, 24.2136, 140.8186



43.5908, 24.2136, 92.8187



51.7072, 24.2136, 40.6053

Triad

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



43.5908, 24.2136, 92.8187



27.5608, 24.2136, 0.0380



7.9207, 24.2136, 51.8746

Complementary

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



43.5908, 24.2136, 92.8187



43.9136, 73.2397, 18.4795

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.



7.5690, 24.2136, 15.9162



43.5908, 24.2136, 92.8187



16.7086, 24.2136, 0.2674

Square

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



43.5908, 24.2136, 92.8187



40.6205, 24.2136, 1.7751



10.2118, 24.2136, 2.8927



11.4114, 24.2136, 106.6147

Rectangle

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



43.5908, 24.2136, 92.8187



52.0043, 24.2136, 18.0070



10.2118, 24.2136, 2.8927



7.4870, 24.2136, 36.9749

Sweetspot

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



43.5919, 24.2146, 92.8192



74.8752, 67.6763, 103.7242



27.8118, 23.7071, 93.5530



15.5369, 13.7220, 22.0797



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.



43.5919, 24.2146, 92.8192



41.0333, 20.2352, 96.3508



54.2068, 30.2631, 67.2751



17.4815, 17.2609, 21.7956



19.1102, 8.7944, 48.6638



1.8742, 0.8683, 4.5120

Inverse Universe

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



45.6426, 26.8375, 22.1771



44.4242, 23.7914, 14.8207



39.9024, 70.9934, 26.3528



17.4485, 17.3068, 18.9515



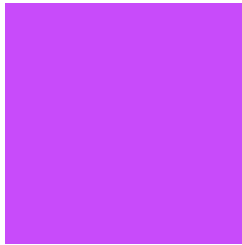
21.5757, 11.0460, 4.4742



2.0418, 1.0405, 0.6437

Previews

White Background



This preview shows how the XYZ color 43.5908, 24.2136, 92.8187 looks on a white background.

Color Contrast Check

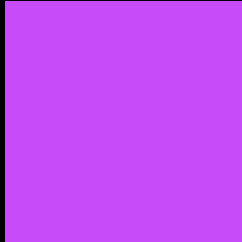
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5908, 24.2136, 92.8187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

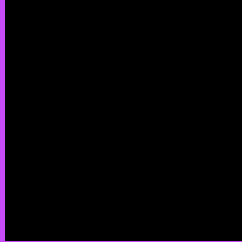
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.5908, 24.2136, 92.8187

Background



This preview shows how black text looks on a background with the XYZ color 43.5908, 24.2136, 92.8187.



This preview shows how white text looks on a background with the XYZ color 43.5908, 24.2136,

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

43.5908, 24.2136, 92.8187

Protanopia

28.3463, 24.5764, 97.8575

Deuteranopia

25.4805, 24.6156, 85.0697



Tritanopia

29.1190, 24.0270, 22.5050

Trichromacy



Original Color

43.5908, 24.2136, 92.8187



Protanomaly

30.3535, 22.0381, 95.5825



Deuteranomaly

27.3406, 21.1583, 87.4370



Tritanomaly

32.7461, 23.0964, 40.7623

Monochromacy



Original Color

43.5908, 24.2136, 92.8187



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

27.3269, 21.6321, 43.2926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5908, 24.2136, 92.8187 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(200, 75, 250)` looks like.

```
.text, #text, p{  
    color:rgb(200, 75, 250)  
}
```

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(200, 75, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 75, 250) }
```

Border

The CSS property to change the border of an element to XYZ 43.5908, 24.2136, 92.8187 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(200, 75, 250) }
```


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

```
.border{ border-color:rgb(200, 75, 250) }
```

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

Here you see how a box with a 4 pixel rgb(200, 75, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 75, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 75, 250);  
box-shadow:4px 4px 4px 4px rgb(200, 75,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5908, 24.2136, 92.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 75, 250) }
```

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

```
.background{ background-color: rgb(200, 75,  
250) }
```

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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