

Converting Colors

XYZ(43.6024, 26.1447, 64.1747)

Have a look what the booklet for
XYZ(43.6024, 26.1447, 64.1747)
contains.

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Color

**XYZ(43.7813, 26.2713,
64.3913)**

Conversions

Conversions Part 1

Format	Color
Hex	D957D3
RGB	217, 87, 211
RGB Percent	85%, 34%, 83%
CMY	0.1490, 0.6588, 0.1725
CMYK	0.00, 0.60, 0.03, 0.15
HSL	303°, 63%, 60%
HSV	303°, 60%, 85%
XYZ	43.7813, 26.2713, 64.3913
YIQ	140.0060, 37.6760, 66.1240

Conversions

Conversions Part 2

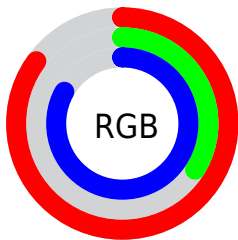
Format	Color
R _{YB}	217, 87, 211
Decimal	14243795
CIE Lab	58.29, 65.92, -39.78
CIE LCh	58, 76.991, 328.888
Yxy	26.2713, 0.3256, 0.1954
Android (android.graphics.Color)	4292433875 (0xFFD957D3)
YUV	140.0060, 35.0000, 67.5237
Hunter-Lab	51.2555, 62.7734, -38.6060

Details

The XYZ color **43.7813, 26.2713, 64.3913** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **30.7203, 52.4432, 18.8610**, and the grayscale version is **24.7890, 26.0799, 28.4010**.

A 20% lighter version of the original color is **69.2633, 48.4265, 100.3044**, and **20.5490, 10.2715, 32.3520** is the 20% darker color. If you saturate the color by 10%, you get **42.1562, 23.2208, 63.2322**, and if you desaturate by 10%, it is **45.9369, 30.3803, 65.7316**.

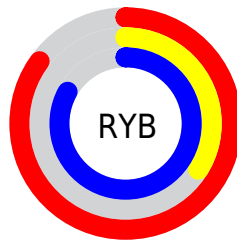
Distribution



Red (85%)

Green (34%)

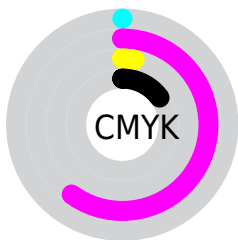
Blue (83%)



Red (85%)

Yellow (34%)

Blue (83%)

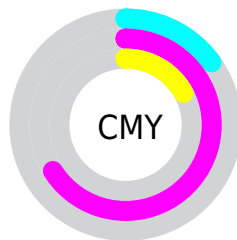


Cyan (0%)

Magenta (60%)

Yellow (3%)

Black (15%)



Cyan (15%)


Magenta (66%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7813, 26.2713, 64.3913 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 43.7813, 26.2713, 64.3913 by changing the saturation by 10% instead.


 43.7813, 26.2713,
64.3913


 43.7813, 26.2713,
64.3913

352.6824,
284.1113, 458.8475

 30.6958, 17.0267,
46.5195


 80.1369, 53.7123,
112.7792


 20.5180, 10.2535,
32.3043

 104.1378, 72.6775,
144.1323

 12.8826, 5.5674,
21.3273


 132.5078, 95.6517,
180.8162

 7.4242, 2.5839,
13.1699

 165.6122,
123.0193, 223.2496

 3.7774, 0.9186,
7.4135

203.8166,
155.1646, 271.8508

 1.5770, 0.0000,
3.6397

247.4862,

 0.3774, 0.0000,

192.4722, 327.0385

1.4298

296.9863,
235.3263, 389.2313

■ 0.0000, 0.0000,
0.1648

■ 0.0000, 0.0000,
0.0000

■ 43.7813, 26.2713,
64.3913

■ 43.7813, 26.2713,
64.3913

■ 42.1562, 23.2208,
63.2322

■ 45.9369, 30.3803,
65.7316

■ 41.0099, 21.1274,
62.2362


■ 48.6632, 35.6299,
67.2658


■ 40.2853, 19.8760,
61.3847


■ 51.9995, 42.0984,
69.0071


■ 39.8795, 19.2610,
60.6433


■ 55.9810, 49.8561,
70.9675


 39.8761, 19.2561,
60.6364

 60.6403, 58.9681,
73.1577

 66.0077, 69.4948,
75.5877

 72.1115, 81.4932,
78.2672

 77.1636, 91.3871,
80.6000

 77.2959, 91.4400,
81.2968

Harmonies

Analogous

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



34.7204, 26.2713, 101.7025



43.7813, 26.2713, 64.3913



47.6520, 26.2713, 29.6178

Triad

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



43.7813, 26.2713, 64.3913



25.3213, 26.2713, 1.8178



12.2876, 26.2713, 61.4586

Complementary

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



43.7813, 26.2713, 64.3913



30.7203, 52.4432, 18.8610

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.



10.9449, 26.2713, 27.6155



43.7813, 26.2713, 64.3913



17.2409, 26.2713, 3.0412

Square

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



43.7813, 26.2713, 64.3913



35.4802, 26.2713, 3.2715



12.5068, 26.2713, 9.3735



16.7722, 26.2713, 99.3882

Rectangle

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



43.7813, 26.2713, 64.3913



46.1806, 26.2713, 14.9459



12.5068, 26.2713, 9.3735



11.5121, 26.2713, 48.7617

Sweetspot

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



43.7822, 26.2725, 64.3918



81.7757, 73.9943, 102.8016



20.2812, 14.0687, 67.2930



17.1108, 15.0714, 21.8154



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.



43.7822, 26.2725, 64.3918



60.2340, 32.5036, 90.7110



37.3436, 23.6970, 30.4863



13.5871, 13.2639, 16.3527



24.1498, 11.6610, 36.7644



1.5727, 0.7587, 2.4249

Inverse Universe

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



43.7822, 26.2725, 64.3918



60.2340, 32.5036, 90.7110



34.7736, 54.0645, 40.2050



13.5871, 13.2639, 16.3527



24.1498, 11.6610, 36.7644



1.5727, 0.7587, 2.4249

Previews

White Background



This preview shows how the XYZ color 43.7813, 26.2713, 64.3913 looks on a white background.

Color Contrast Check

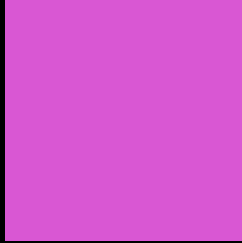
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7813, 26.2713, 64.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

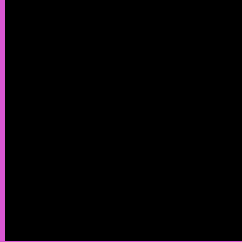
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.7813, 26.2713, 64.3913

Background



This preview shows how black text looks on a background with the XYZ color 43.7813, 26.2713, 64.3913.



This preview shows how white text looks on a background with the XYZ color 43.7813, 26.2713,

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

43.7813, 26.2713, 64.3913

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

27.0957, 26.4425, 59.5529



Tritanopia

34.9165, 26.2098, 20.9880

Trichromacy



Original Color

43.7813, 26.2713, 64.3913



Protanomaly

31.5369, 24.2509, 84.6801



Deuteranomaly

30.8728, 24.6130, 60.8812



Tritanomaly

37.4640, 25.8493, 33.1518

Monochromacy



Original Color

43.7813, 26.2713, 64.3913



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

29.8688, 24.7527, 39.2799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7813, 26.2713, 64.3913 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(217, 87, 211)` looks like.

```
.text, #text, p{  
    color:rgb(217, 87, 211)  
}
```

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(217, 87, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 87, 211) }
```

Border

The CSS property to change the border of an element to XYZ 43.7813, 26.2713, 64.3913 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(217, 87, 211) }
```


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

```
.border{ border-color:rgb(217, 87, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 87, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 87, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 87, 211);  
box-shadow:4px 4px 4px 4px rgb(217, 87,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7813, 26.2713, 64.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 87, 211) }
```

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

```
.background{ background-color: rgb(217, 87,  
211) }
```

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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