

Converting Colors

XYZ(42.0135, 25.8906, 62.4648)

Have a look what the booklet for
XYZ(42.0135, 25.8906, 62.4648)
contains.

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Color

**XYZ(41.9902, 25.8851,
62.4577)**

Conversions

Conversions Part 1

Format	Color
Hex	D35BD0
RGB	211, 91, 208
RGB Percent	83%, 36%, 82%
CMY	0.1725, 0.6431, 0.1843
CMYK	0.00, 0.57, 0.01, 0.17
HSL	302°, 58%, 59%
HSV	302°, 57%, 83%
XYZ	41.9902, 25.8851, 62.4577
YIQ	140.2180, 33.9630, 61.8270

Conversions

Conversions Part 2

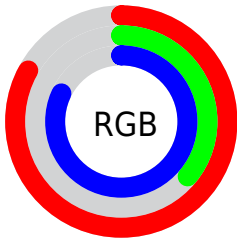
Format	Color
R _{YB}	211, 91, 208
Decimal	13851600
CIE Lab	57.93, 62.15, -38.72
CIE LCh	58, 73.226, 328.081
Yxy	25.8851, 0.3222, 0.1986
Android (android.graphics.Color)	4292041680 (0xFFD35BD0)
YUV	140.2180, 33.4165, 62.0758
Hunter-Lab	50.8774, 58.2844, -37.1709

Details

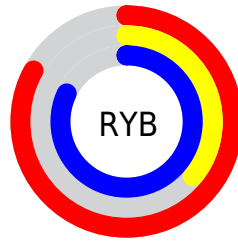
The XYZ color **41.9902, 25.8851, 62.4577** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **29.6302, 49.6219, 18.6074**, and the grayscale version is **24.8779, 26.1735, 28.5029**.

A 20% lighter version of the original color is **69.7237, 49.3474, 100.4579**, and **19.3509, 10.0008, 31.0474** is the 20% darker color. If you saturate the color by 10%, you get **40.3690, 22.7457, 61.5977**, and if you desaturate by 10%, it is **44.1204, 30.0408, 63.4889**.

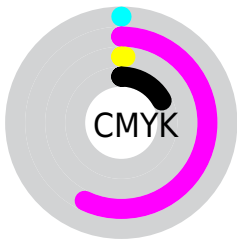
Distribution



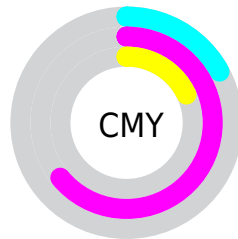
- Red (83%)
- Green (36%)
- Blue (82%)



- Red (83%)
- Yellow (36%)
- Blue (82%)



- Cyan (0%)
- Magenta (57%)
- Yellow (1%)
- Black (17%)





- Cyan (17%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9902, 25.8851, 62.4577 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 41.9902, 25.8851, 62.4577 by changing the saturation by 10% instead.


 41.9902, 25.8851,
62.4577


 41.9902, 25.8851,
62.4577

345.4346,
282.2176, 451.6523


 29.2847, 16.7377,
44.9645

 77.4501, 53.0895,
109.9648


 19.4417, 10.0477,
31.0867


 100.9351, 71.9153,
140.8157

 12.0957, 5.4306,
20.4058


 128.7441, 94.7361,
176.9562

 6.8816, 2.5020,
12.5034

 161.2422,
121.9362, 218.8049

 3.4338, 0.8777,
6.9608

198.7950,
153.9000, 266.7804

 1.3871, 0.0000,
3.3595

241.7678,

 0.2470, 0.0000,

191.0119, 321.3010

1.2810

290.5259,
233.6563, 382.7855

■ 0.0000, 0.0000,
0.0462

■ 0.0000, 0.0000,
0.0000

■ 41.9902, 25.8851,
62.4577

■ 41.9902, 25.8851,
62.4577

■ 40.3690, 22.7457,
61.5977

■ 44.1204, 30.0408,
63.4889

■ 39.2103, 20.5318,
60.8928


■ 46.7956, 35.2867,
64.7025


■ 38.4640, 19.1422,
60.3264

■ 50.0515, 41.6938,
66.1108


■ 38.0632, 18.4433,
59.8762


■ 53.9202, 49.3260,
67.7244


 37.9715, 18.2919,
59.7467

 58.4313, 58.2427,
69.5532

 63.6125, 68.4994,
71.6065

 69.4900, 80.1483,
73.8929

 74.5360, 90.1337,
75.9032

 74.6028, 90.1605,
76.2549

Harmonies

Analogous

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



33.4818, 25.8851, 96.4343



41.9902, 25.8851, 62.4577



45.7459, 25.8851, 29.8423

Triad

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



41.9902, 25.8851, 62.4577



25.1753, 25.8851, 2.1763



12.4675, 25.8851, 57.7908

Complementary

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



41.9902, 25.8851, 62.4577



29.6302, 49.6219, 18.6074

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.



11.2466, 25.8851, 26.5892



41.9902, 25.8851, 62.4577



17.4515, 25.8851, 3.3800

Square

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



41.9902, 25.8851, 62.4577



34.7043, 25.8851, 3.7911



12.8320, 25.8851, 9.5130



16.6808, 25.8851, 92.7883

Rectangle

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



41.9902, 25.8851, 62.4577



44.5051, 25.8851, 15.6367



12.8320, 25.8851, 9.5130



11.7452, 25.8851, 46.1084

Sweetspot

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



41.9911, 25.8863, 62.4582



82.5720, 75.3225, 103.8821



20.0143, 14.5138, 63.3754



17.4002, 15.5820, 22.1222



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.



41.9911, 25.8863, 62.4582



61.5868, 34.1783, 94.3402



36.0310, 23.5022, 31.0726



12.2975, 12.0037, 14.8425



22.9215, 11.0414, 36.0883



1.2858, 0.6190, 2.0396

Inverse Universe

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



41.9911, 25.8863, 62.4582



61.5868, 34.1783, 94.3402



33.3596, 51.1136, 38.2461



12.2975, 12.0037, 14.8425



22.9215, 11.0414, 36.0883



1.2858, 0.6190, 2.0396

Previews

White Background



This preview shows how the XYZ color 41.9902, 25.8851, 62.4577 looks on a white background.

Color Contrast Check

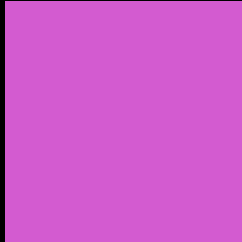
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9902, 25.8851, 62.4577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

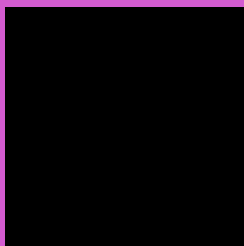
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.9902, 25.8851, 62.4577

Background



This preview shows how black text looks on a background with the XYZ color 41.9902, 25.8851, 62.4577.



This preview shows how white text looks on a background with the XYZ color 41.9902, 25.8851,

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

41.9902, 25.8851, 62.4577

Protanopia

29.6779, 26.4119, 92.3407

Deuteranopia

26.7163, 26.0601, 58.2656



Tritanopia

33.6176, 25.8573, 21.6315

Trichromacy



Original Color

41.9902, 25.8851, 62.4577



Protanomaly

30.9402, 24.2217, 80.1353



Deuteranomaly

30.3794, 24.5659, 59.6404



Tritanomaly

36.0806, 25.5871, 33.1741

Monochromacy



Original Color

41.9902, 25.8851, 62.4577



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

29.4769, 24.7427, 38.8195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9902, 25.8851, 62.4577 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(211, 91, 208)` looks like.

```
.text, #text, p{  
    color:rgb(211, 91, 208)  
}
```

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(211, 91, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 91, 208) }
```

Border

The CSS property to change the border of an element to XYZ 41.9902, 25.8851, 62.4577 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(211, 91, 208) }
```


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

```
.border{ border-color:rgb(211, 91, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 91, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 91, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 91, 208);  
box-shadow:4px 4px 4px 4px rgb(211, 91,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9902, 25.8851, 62.4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 91, 208) }
```

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

```
.background{ background-color: rgb(211, 91,  
208) }
```

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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