

Converting Colors

XYZ(41.5440, 25.9610, 57.5775)

Have a look what the booklet for
XYZ(41.5440, 25.9610, 57.5775)
contains.

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Color

**XYZ(41.4911, 25.9959,
57.4745)**

Conversions

Conversions Part 1

Format	Color
Hex	D45DC8
RGB	212, 93, 200
RGB Percent	83%, 36%, 78%
CMY	0.1686, 0.6353, 0.2157
CMYK	0.00, 0.56, 0.06, 0.17
HSL	306°, 58%, 60%
HSV	306°, 56%, 83%
XYZ	41.4911, 25.9959, 57.4745
YIQ	140.7790, 36.5770, 58.5050

Conversions

Conversions Part 2

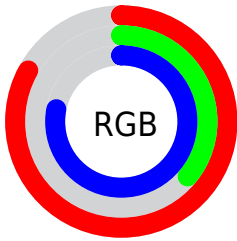
Format	Color
R _{YB}	212, 93, 200
Decimal	13917640
CIE Lab	58.03, 60.19, -33.99
CIE LCh	58, 69.121, 330.543
Yxy	25.9959, 0.3320, 0.2080
Android (android.graphics.Color)	4292107720 (0xFFD45DC8)
YUV	140.7790, 29.1960, 62.4608
Hunter-Lab	50.9862, 56.0324, -31.1447

Details

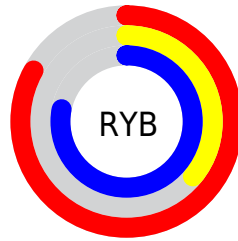
The XYZ color **41.4911, 25.9959, 57.4745** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **30.6087, 50.4351, 21.4880**, and the grayscale version is **25.1114, 26.4191, 28.7704**.

A 20% lighter version of the original color is **70.0374, 49.9749, 100.5625**, and **19.2779, 10.1879, 28.1445** is the 20% darker color. If you saturate the color by 10%, you get **39.6338, 22.6777, 55.6313**, and if you desaturate by 10%, it is **43.8694, 30.3492, 59.5090**.

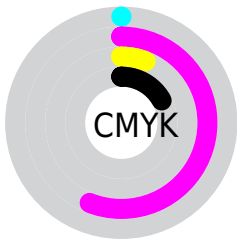
Distribution



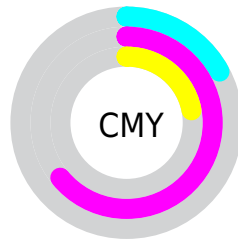
- Red (83%)
- Green (36%)
- Blue (78%)



- Red (83%)
- Yellow (36%)
- Blue (78%)



- Cyan (0%)
- Magenta (56%)
- Yellow (6%)
- Black (17%)





- Cyan (17%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4911, 25.9959, 57.4745 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 41.4911, 25.9959, 57.4745 by changing the saturation by 10% instead.


 41.4911, 25.9959,
57.4745


 41.4911, 25.9959,
57.4745

343.3966,
282.7620, 432.7684

 28.8924, 16.8206,
40.9744


 76.6988, 53.2683,
102.6644


 19.1433, 10.1066,
27.9796


 100.0386, 72.1342,
132.1913

 11.8785, 5.4697,
18.0713


 127.6894, 94.9991,
166.8976

 6.7326, 2.5254,
10.8312

 160.0166,
122.2473, 207.2018

 3.3403, 0.8893,
5.8407

197.3856,
154.2634, 253.5224

 1.3362, 0.0000,
2.6813

240.1617,

 0.2100, 0.0000,

191.4315, 306.2781

0.9340

288.7102,
234.1363, 365.8872

■ 0.0000, 0.0000,
0.0000

■ 41.4911, 25.9959,
57.4745

■ 41.4911, 25.9959,
57.4745

■ 39.6338, 22.6777,
55.6313

■ 43.8694, 30.3492,
59.5090

■ 38.2509, 20.3035,
53.9633

■ 46.8048, 35.8116,
61.7463

■ 37.2923, 18.7725,
52.4537

■ 50.3332, 42.4545,
64.1987

■ 36.6942, 17.9567,
51.0814

■ 54.4869, 50.3423,
66.8769

■ 36.5140, 17.7422,
50.5719

■ 59.2958, 59.5347,
69.7911

■ 64.7877, 70.0875,
72.9505

■ 70.9890, 82.0534,
76.3640

■ 75.4498, 90.5325,
79.2150

■ 75.7299, 90.6445,
80.6903

Harmonies

Analogous

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



33.7988, 25.9959, 89.2489



41.4911, 25.9959, 57.4745



44.4921, 25.9959, 27.8715

Triad

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



41.4911, 25.9959, 57.4745



24.5565, 25.9959, 2.7284



13.2995, 25.9959, 58.6934

Complementary

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



41.4911, 25.9959, 57.4745



30.6087, 50.4351, 21.4880

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.



11.8796, 25.9959, 28.7432



41.4911, 25.9959, 57.4745



17.4141, 25.9959, 4.3010

Square

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



41.4911, 25.9959, 57.4745



33.4751, 25.9959, 4.1781



13.1990, 25.9959, 11.1794



17.6237, 25.9959, 90.1893

Rectangle

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



41.4911, 25.9959, 57.4745



42.9989, 25.9959, 15.0412



13.1990, 25.9959, 11.1794



12.5168, 25.9959, 47.7014

Sweetspot

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



41.4920, 25.9971, 57.4750



82.0501, 75.1138, 101.1337



21.6133, 15.5808, 64.1564



17.2755, 15.5321, 21.4655



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.



41.4920, 25.9971, 57.4750



59.8208, 33.7835, 84.0797



35.8449, 23.7383, 27.7378



12.8965, 12.6101, 15.3954



22.5630, 10.9615, 31.3327



1.3768, 0.6675, 1.9738

Inverse Universe

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



41.4920, 25.9971, 57.4750



59.8208, 33.7835, 84.0797



34.7959, 52.1100, 43.5374



12.8965, 12.6101, 15.3954



22.5630, 10.9615, 31.3327



1.3768, 0.6675, 1.9738

Previews

White Background



This preview shows how the XYZ color 41.4911, 25.9959, 57.4745 looks on a white background.

Color Contrast Check

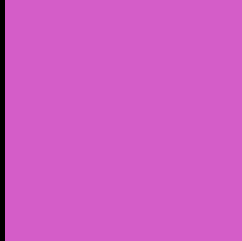
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4911, 25.9959, 57.4745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

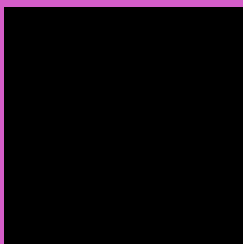
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.4911, 25.9959, 57.4745

Background



This preview shows how black text looks on a background with the XYZ color 41.4911, 25.9959, 57.4745.



This preview shows how white text looks on a background with the XYZ color 41.4911, 25.9959,

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

41.4911, 25.9959, 57.4745

Protanopia

29.1615, 26.5471, 83.7079

Deuteranopia

26.7713, 26.1937, 53.5141



Tritanopia

33.9849, 25.8872, 21.2947

Trichromacy



Original Color

41.4911, 25.9959, 57.4745



Protanomaly

30.9394, 24.5455, 73.6281



Deuteranomaly

30.3274, 24.8278, 54.8236



Tritanomaly

36.1127, 25.6319, 31.8983

Monochromacy



Original Color

41.4911, 25.9959, 57.4745



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

29.6656, 25.2394, 37.4906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4911, 25.9959, 57.4745 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(212, 93, 200)` looks like.

```
.text, #text, p{  
    color:rgb(212, 93, 200)  
}
```

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(212, 93, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 93, 200) }
```

Border

The CSS property to change the border of an element to XYZ 41.4911, 25.9959, 57.4745 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(212, 93, 200) }
```


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

```
.border{ border-color:rgb(212, 93, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 93, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 93, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 93, 200);  
box-shadow:4px 4px 4px 4px rgb(212, 93,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4911, 25.9959, 57.4745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 93, 200) }
```

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

```
.background{ background-color: rgb(212, 93,  
200) }
```

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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