

Converting Colors

XYZ(41.0502, 25.5759, 41.6704)

Have a look what the booklet for
XYZ(41.0502, 25.5759, 41.6704)
contains.

XYZ(41.1430, 25.6529, 41.8128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.1430, 25.6529,
41.8128)**

Conversions

Conversions Part 1

Format	Color
Hex	DE59AC
RGB	222, 89, 172
RGB Percent	87%, 35%, 67%
CMY	0.1294, 0.6510, 0.3255
CMYK	0.00, 0.60, 0.23, 0.13
HSL	323°, 67%, 61%
HSV	323°, 60%, 87%
XYZ	41.1430, 25.6529, 41.8128
YIQ	138.2290, 52.6250, 54.0090

Conversions

Conversions Part 2

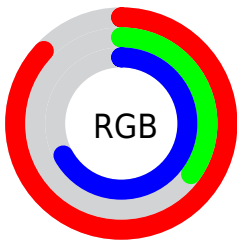
Format	Color
R_{YB}	222, 89, 172
Decimal	14571948
CIE _{Lab}	57.71, 60.53, -18.29
CIE _{LCh}	58, 63.235, 343.185
Yxy	25.6529, 0.3788, 0.2362
Android (android.graphics.Color)	4292762028 (0xFFDE59AC)
YUV	138.2290, 16.6491, 73.4672
Hunter-Lab	50.6487, 56.3641, -13.4925

Details

The XYZ color **41.1430, 25.6529, 41.8128** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **34.9026, 56.2313, 33.4429**, and the grayscale version is **24.1703, 25.4290, 27.6922**.

A 20% lighter version of the original color is **65.2305, 47.0568, 78.3179**, and **18.8638, 9.8814, 18.6824** is the 20% darker color. If you saturate the color by 10%, you get **38.7897, 22.1889, 37.1970**, and if you desaturate by 10%, it is **44.1050, 30.2532, 46.8804**.

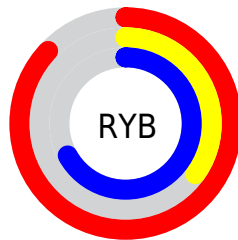
Distribution



Red (87%)

Green (35%)

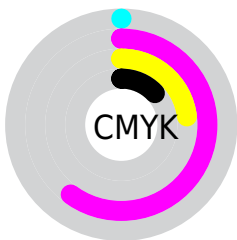
Blue (67%)



Red (87%)

Yellow (35%)

Blue (67%)

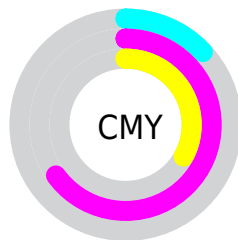


Cyan (0%)

Magenta (60%)

Yellow (23%)

Black (13%)



Cyan (13%)


Magenta (65%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1430, 25.6529, 41.8128 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 41.1430, 25.6529, 41.8128 by changing the saturation by 10% instead.


 41.1430, 25.6529,
41.8128


 41.1430, 25.6529,
41.8128

341.9703,
281.0740, 369.4831


 28.6190, 16.5642,
28.6303


 76.1743, 52.7145,
79.1833


 18.9356, 9.9242,
18.5581


 99.4122, 71.4561,
104.2083

 11.7275, 5.3488,
11.1779


 126.9522, 94.1841,
134.0178

 6.6293, 2.4533,
6.0709

 159.1597,
121.2829, 169.0305

 3.2756, 0.8531,
2.8188

196.3998,
153.1369, 209.6648

 1.3011, 0.0000,
1.0029

239.0381,

 0.1841, 0.0000,

190.1305, 256.3393

0.0000

287.4398,
232.6480, 309.4726

■ 0.0000, 0.0000,
0.0000

■ 41.1430, 25.6529,
41.8128

■ 41.1430, 25.6529,
41.8128

■ 38.7897, 22.1889,
37.1970

■ 44.1050, 30.2532,
46.8804

■ 36.9901, 19.7535,
33.0094

■ 47.7198, 36.0772,
52.4182

■ 35.6826, 18.2246,
29.2251

■ 52.0296, 43.2080,
58.4448

■ 34.7588, 17.3870,
25.8031

■ 57.0725, 51.7202,
64.9770

■ 34.7509, 17.3803,
25.7726

■ 62.8837, 61.6829,
72.0307

■ 69.4961, 73.1606,
79.6208

■ 76.9404, 86.2135,
87.7616

■ 81.4305, 93.2681,
95.1947

■ 82.6910, 93.7723,
101.8321

Harmonies

Analogous

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



35.7649, 25.6529, 70.6989



41.1430, 25.6529, 41.8128



41.4822, 25.6529, 19.4592

Triad

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



41.1430, 25.6529, 41.8128



21.2098, 25.6529, 3.8268



15.2327, 25.6529, 67.2875

Complementary

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



41.1430, 25.6529, 41.8128



34.9026, 56.2313, 33.4429

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.



12.7766, 25.6529, 38.5632



41.1430, 25.6529, 41.8128



15.7142, 25.6529, 7.2257

Square

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



41.1430, 25.6529, 41.8128



28.8410, 25.6529, 4.0113



12.9323, 25.6529, 17.5229



20.4086, 25.6529, 89.8758

Rectangle

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



41.1430, 25.6529, 41.8128



38.7093, 25.6529, 10.7608



12.9323, 25.6529, 17.5229



14.1147, 25.6529, 57.5345

Sweetspot

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



41.1438, 25.6542, 41.8133



79.4600, 73.0680, 90.6071



27.2013, 17.8037, 71.1104



16.5399, 14.8430, 18.8088



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.



41.1438, 25.6542, 41.8133



52.3789, 29.3616, 49.3467



36.3375, 23.7317, 16.5036



14.0651, 13.8437, 16.1131



20.6968, 10.3457, 15.6010



1.4776, 0.7343, 1.3079

Inverse Universe

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



41.1438, 25.6542, 41.8133



52.3789, 29.3616, 49.3467



41.1732, 58.7396, 66.4633



14.0651, 13.8437, 16.1131



20.6968, 10.3457, 15.6010



1.4776, 0.7343, 1.3079

Previews

White Background



This preview shows how the XYZ color 41.1430, 25.6529, 41.8128 looks on a white background.

Color Contrast Check

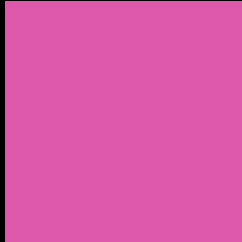
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1430, 25.6529, 41.8128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

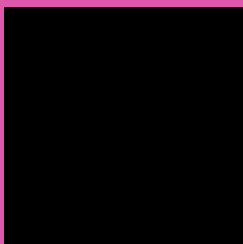
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.1430, 25.6529, 41.8128

Background



This preview shows how black text looks on a background with the XYZ color 41.1430, 25.6529, 41.8128.



This preview shows how white text looks on a background with the XYZ color 41.1430, 25.6529,

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

41.1430, 25.6529, 41.8128

Protanopia

27.2784, 26.0412, 62.6202

Deuteranopia

26.4109, 25.9004, 39.2046



Tritanopia

36.1385, 25.6473, 18.0846

Trichromacy



Original Color

41.1430, 25.6529, 41.8128



Protanomaly

29.7805, 24.1980, 54.1400



Deuteranomaly

30.2423, 24.5669, 40.1937



Tritanomaly

37.6089, 25.5226, 25.1344

Monochromacy



Original Color

41.1430, 25.6529, 41.8128



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

28.5837, 24.0700, 31.9936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1430, 25.6529, 41.8128 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(222, 89, 172)` looks like.

```
.text, #text, p{  
    color:rgb(222, 89, 172)  
}
```

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(222, 89, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 89, 172) }
```

Border

The CSS property to change the border of an element to XYZ 41.1430, 25.6529, 41.8128 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(222, 89, 172) }
```


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

```
.border{ border-color:rgb(222, 89, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 89, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 89, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 89, 172);  
box-shadow:4px 4px 4px 4px rgb(222, 89,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1430, 25.6529, 41.8128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 89, 172) }
```

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

```
.background{ background-color: rgb(222, 89,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor