

Converting Colors

XYZ(41.2093, 24.5915, 63.2938)

Have a look what the booklet for
XYZ(41.2093, 24.5915, 63.2938)
contains.

XYZ(41.3815, 24.6954, 63.5584)	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(41.3815, 24.6954,
63.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	D254D2
RGB	210, 84, 210
RGB Percent	82%, 33%, 82%
CMY	0.1765, 0.6706, 0.1765
CMYK	0.00, 0.60, 0.00, 0.18
HSL	300°, 58%, 58%
HSV	300°, 60%, 82%
XYZ	41.3815, 24.6954, 63.5584
YIQ	136.0380, 34.6500, 65.8980

Conversions

Conversions Part 2

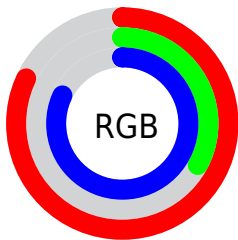
Format	Color
R_{YB}	210, 84, 210
Decimal	13784274
CIE _{Lab}	56.78, 65.26, -41.67
CIE _{LCh}	57, 77.432, 327.443
Yxy	24.6954, 0.3192, 0.1905
Android (android.graphics.Color)	4291974354 (0xFFD254D2)
YUV	136.0380, 36.4633, 64.8647
Hunter-Lab	49.6945, 61.6749, -41.0448

Details

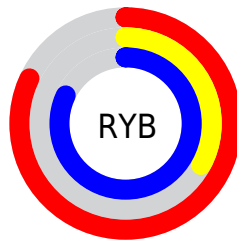
The XYZ color **41.3815, 24.6954, 63.5584** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **28.3041, 48.6191, 16.2815**, and the grayscale version is **23.2758, 24.4879, 26.6673**.

A 20% lighter version of the original color is **68.8149, 47.5298, 100.1550**, and **19.0506, 9.4125, 31.8231** is the 20% darker color. If you saturate the color by 10%, you get **39.9894, 21.9106, 63.0945**, and if you desaturate by 10%, it is **43.2638, 28.4593, 64.1861**.

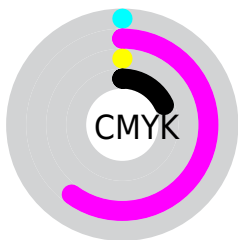
Distribution



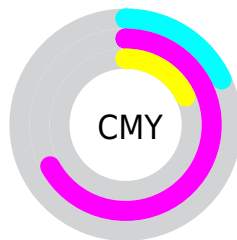
- Red (82%)
- Green (33%)
- Blue (82%)



- Red (82%)
- Yellow (33%)
- Blue (82%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (67%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3815, 24.6954, 63.5584 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 41.3815, 24.6954, 63.5584 by changing the saturation by 10% instead.

 41.3815, 24.6954,
63.5584


 41.3815, 24.6954,
63.5584


342.9480,
276.3176, 455.7568


 28.8063, 15.8503,
45.8492

 76.5337, 51.1626,
111.5681

 19.0779, 9.4183,
31.7790


 99.8415, 69.5535,
142.7056

 11.8309, 5.0150,
20.9294


 127.4574, 91.8951,
179.1563

 6.7000, 2.2561,
12.8816

 159.7470,
118.5718, 221.3388

 3.3199, 0.7503,
7.2173

197.0754,
149.9681, 269.6715

 1.3251, 0.0000,
3.5179

239.8082,

 0.2019, 0.0000,

186.4681, 324.5731

1.3648

288.3106,
228.4565, 386.4620

■ 0.0000, 0.0000,
0.1140

■ 0.0000, 0.0000,
0.0000

■ 41.3815, 24.6954,
63.5584

■ 41.3815, 24.6954,
63.5584

■ 39.9894, 21.9106,
63.0945

■ 43.2638, 28.4593,
64.1861

■ 39.0398, 20.0113,
62.7779


■ 45.6733, 33.2782,
64.9894


■ 38.4799, 18.8915,
62.5911


■ 48.6464, 39.2243,
65.9805


■ 38.2116, 18.3551,
62.5016


■ 52.2155, 46.3626,
67.1703

 38.2116, 18.3550,
62.5016

 56.4107, 54.7529,
68.5688

 61.2599, 64.4514,
70.1853

 66.7895, 75.5105,
72.0286

 73.0243, 87.9801,
74.1069

 73.9718, 89.8751,
74.4228

Harmonies

Analogous

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



32.4284, 24.6954, 99.6776



41.3815, 24.6954, 63.5584



45.4702, 24.6954, 29.1721

Triad

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



41.3815, 24.6954, 63.5584



24.2564, 24.6954, 1.5169



11.1790, 24.6954, 56.9730

Complementary

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



41.3815, 24.6954, 63.5584



28.3041, 48.6191, 16.2815

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.



10.0380, 24.6954, 24.7285



41.3815, 24.6954, 63.5584



16.3385, 24.6954, 2.4888

Square

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



41.3815, 24.6954, 63.5584



34.1235, 24.6954, 2.9715



11.6588, 24.6954, 8.0119



15.3060, 24.6954, 94.4513

Rectangle

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



41.3815, 24.6954, 63.5584



44.2659, 24.6954, 14.5577



11.6588, 24.6954, 8.0119



10.4884, 24.6954, 44.7405

Sweetspot

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



41.3824, 24.6965, 63.5589



82.1150, 74.1300, 104.5881



18.4604, 12.8798, 62.4867



17.1951, 15.1051, 22.2592



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.



41.3824, 24.6965, 63.5589



61.5686, 33.0374, 97.7385



35.0162, 22.1500, 30.0350



12.3109, 12.0091, 14.9128



23.3082, 11.1961, 38.1245



1.3032, 0.6260, 2.1317

Inverse Universe

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



41.3824, 24.6965, 63.5589



61.5686, 33.0374, 97.7385



31.9703, 50.0856, 35.5877



12.3109, 12.0091, 14.9128



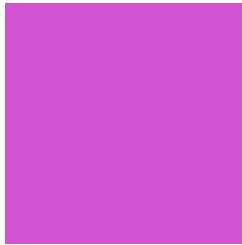
23.3082, 11.1961, 38.1245



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 41.3815, 24.6954, 63.5584 looks on a white background.

Color Contrast Check

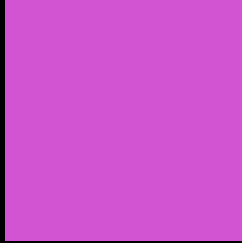
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3815, 24.6954, 63.5584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

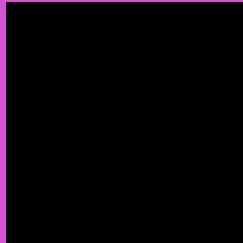
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.3815, 24.6954, 63.5584

Background



This preview shows how black text looks on a background with the XYZ color 41.3815, 24.6954, 63.5584.



This preview shows how white text looks on a background with the XYZ color 41.3815, 24.6954,

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

41.3815, 24.6954, 63.5584

Protanopia

29.0246, 25.3473, 97.1287

Deuteranopia

25.6534, 25.0766, 58.7465



Tritanopia

32.3991, 24.6020, 20.1806

Trichromacy



Original Color

41.3815, 24.6954, 63.5584



Protanomaly

29.7317, 22.6455, 83.6929



Deuteranomaly

29.1144, 23.1932, 60.0690



Tritanomaly

34.8682, 24.2382, 32.1188

Monochromacy



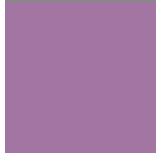
Original Color

41.3815, 24.6954, 63.5584



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

28.0764, 23.1535, 37.6396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3815, 24.6954, 63.5584 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(210, 84, 210)` looks like.

```
.text, #text, p{  
    color:rgb(210, 84, 210)  
}
```

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(210, 84, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 84, 210) }
```

Border

The CSS property to change the border of an element to XYZ 41.3815, 24.6954, 63.5584 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(210, 84, 210) }
```


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

```
.border{ border-color:rgb(210, 84, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 84, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 84, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 84, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 84,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3815, 24.6954, 63.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 84, 210) }
```

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

```
.background{ background-color: rgb(210, 84,  
210) }
```

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