

Converting Colors

XYZ(41.1247, 19.7411, 92.0032)

Have a look what the booklet for
XYZ(41.1247, 19.7411, 92.0032)
contains.

XYZ(41.1779, 19.7830, 92.0907)	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>	30

Color

**XYZ(41.1779, 19.7830,
92.0907)**

Conversions

Conversions Part 1

Format	Color
Hex	C71AFA
RGB	199, 26, 250
RGB Percent	78%, 10%, 98%
CMY	0.2196, 0.8980, 0.0196
CMYK	0.20, 0.90, 0.00, 0.02
HSL	286°, 96%, 54%
HSV	286°, 90%, 98%
XYZ	41.1779, 19.7830, 92.0907
YIQ	103.2630, 31.2040, 106.3400

Conversions

Conversions Part 2

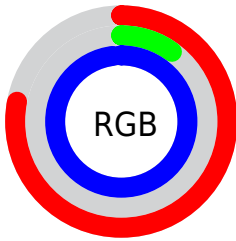
Format	Color
R _{YB}	199, 26, 250
Decimal	13048570
CIE Lab	51.59, 87.00, -72.60
CIE LCh	52, 113.312, 320.153
Yxy	19.7830, 0.2690, 0.1293
Android (android.graphics.Color)	4291238650 (0xFFC71AFA)
YUV	103.2630, 72.3413, 83.9613
Hunter-Lab	44.4781, 87.4190, -91.6237

Details

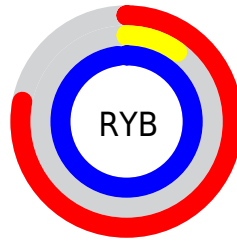
The XYZ color **41.1779, 19.7830, 92.0907** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **37.4333, 70.0241, 12.5208**, and the grayscale version is **12.7721, 13.4372, 14.6331**.

A 20% lighter version of the original color is **64.0414, 37.9827, 98.5638**, and **20.1619, 9.2947, 50.6006** is the 20% darker color. If you saturate the color by 10%, you get **39.3380, 18.3024, 91.9022**, and if you desaturate by 10%, it is **43.5322, 22.2062, 92.4347**.

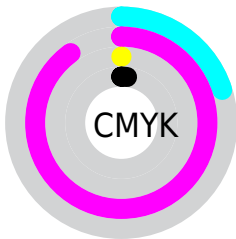
Distribution



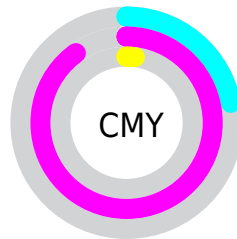
- Red (78%)
- Green (10%)
- Blue (98%)



- Red (78%)
- Yellow (10%)
- Blue (98%)



- Cyan (20%)
- Magenta (90%)
- Yellow (0%)
- Black (2%)





- Cyan (22%)
- Magenta (90%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1779, 19.7830, 92.0907 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 41.1779, 19.7830, 92.0907 by changing the saturation by 10% instead.


 41.1779, 19.7830,
92.0907


 41.1779, 19.7830,
92.0907


342.1135,
250.7379, 555.5532


 28.6464, 12.2374,
69.1325


 76.2269, 43.0531,
152.1999


 18.9564, 6.9056,
50.3472


 99.4751, 59.5463,
190.1880


 11.7426, 3.4031,
35.3162


 127.0262, 79.7909,
234.0231

 6.6396, 1.3456,
23.6211

 159.2456,
104.1713, 284.1238

 3.2821, 0.1761,
14.8432

 196.4987,
133.0718, 340.9086

 1.3046, 0.0000,
8.5640

239.1508,

 0.1867, 0.0000,

166.8768, 404.7961

4.3650

287.5673,
205.9707, 476.2048

■ 0.0000, 0.0000,
1.8276

■ 0.0000, 0.0000,
0.4461

■ 41.1779, 19.7830,
92.0907

■ 41.1779, 19.7830,
92.0907

■ 39.3380, 18.3024,
91.9022

■ 43.5322, 22.2062,
92.4347

■ 39.2685, 18.2503,
91.8959

■ 46.5289, 25.8305,
92.9763

■ 50.2519, 30.8219,
93.7435

■ 54.7711, 37.3192,
94.7594

60.1478, 45.4440,
96.0443

66.4369, 55.3055,
97.6163

73.6885, 67.0030,
99.4919

81.9491, 80.6286,
101.6866

91.2618, 96.2680,
104.2144

Harmonies

Analogous

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



27.4201, 19.7830, 150.7517



41.1779, 19.7830, 92.0907



49.7610, 19.7830, 34.1715

Triad

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



41.1779, 19.7830, 92.0907



22.8102, 19.7830, 0.0000



4.8118, 19.7830, 51.2501

Complementary

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



41.1779, 19.7830, 92.0907



37.4333, 70.0241, 12.5208

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.



4.4122, 19.7830, 12.4827



41.1779, 19.7830, 92.0907



12.2119, 19.7830, 0.0000

Square

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



41.1779, 19.7830, 92.0907



36.6548, 19.7830, 0.1366



6.4880, 19.7830, 1.1541



7.9579, 19.7830, 114.7551

Rectangle

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



41.1779, 19.7830, 92.0907



49.7220, 19.7830, 12.2541



6.4880, 19.7830, 1.1541



4.4200, 19.7830, 34.6235

Sweetspot

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



41.1789, 19.7838, 92.0912



71.3468, 60.8083, 102.5845



20.4254, 12.6095, 91.8002



14.7473, 12.1796, 21.8236



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.



41.1789, 19.7838, 92.0912



41.0610, 19.0826, 96.1269



49.1178, 24.7927, 51.0662



17.5839, 17.3137, 21.8004



20.9602, 9.7481, 48.7504



2.0323, 0.9498, 4.5194

Inverse Universe

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



41.1338, 21.5991, 9.0232



42.0052, 21.5661, 5.9594



36.2812, 69.2589, 20.2052



17.4064, 17.2899, 18.7301



21.3473, 10.9546, 3.2712



2.0156, 1.0300, 0.5057

Previews

White Background



This preview shows how the XYZ color 41.1779, 19.7830, 92.0907 looks on a white background.

Color Contrast Check

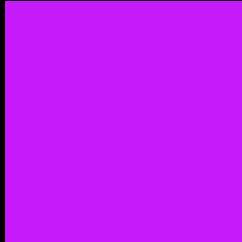
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1779, 19.7830, 92.0907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

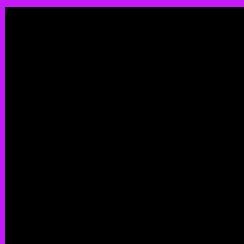
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.1779, 19.7830, 92.0907

Background



This preview shows how black text looks on a background with the XYZ color 41.1779, 19.7830, 92.0907.



This preview shows how white text looks on a background with the XYZ color 41.1779, 19.7830,

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

41.1779, 19.7830, 92.0907

Deuteranopia

20.3791, 20.0890, 70.5136

Tritanopia

25.5711, 19.6409, 16.3532

Trichromacy



Original Color

41.1779, 19.7830, 92.0907



Deuteranomaly

20.7525, 14.4596, 77.2985



Tritanomaly

28.8903, 17.7074, 34.6961

Monochromacy



Original Color

41.1779, 19.7830, 92.0907



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

18.9981, 12.8357, 32.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1779, 19.7830, 92.0907 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(199, 26, 250)` looks like.

```
.text, #text, p{  
    color:rgb(199, 26, 250)  
}
```

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(199, 26, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 26, 250) }
```

Border

The CSS property to change the border of an element to XYZ 41.1779, 19.7830, 92.0907 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(199, 26, 250) }
```

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

```
.border{ border-color:rgb(199, 26, 250) }
```

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

Here you see how a box with a 4 pixel rgb(199, 26, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 26, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 26, 250);  
box-shadow:4px 4px 4px 4px rgb(199, 26,  
250) }
```


Background

The CSS property to change the background color of an element to XYZ 41.1779, 19.7830, 92.0907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 26, 250) }
```

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

```
.background{ background-color: rgb(199, 26,  
250) }
```

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