

Converting Colors

XYZ(41.0592, 19.5986, 89.2568)

Have a look what the booklet for
XYZ(41.0592, 19.5986, 89.2568)
contains.

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Color

**XYZ(41.1261, 19.6332,
89.6177)**

Conversions

Conversions Part 1

Format	Color
Hex	C914F7
RGB	201, 20, 247
RGB Percent	79%, 8%, 97%
CMY	0.2118, 0.9215, 0.0314
CMYK	0.19, 0.92, 0.00, 0.03
HSL	288°, 93%, 52%
HSV	288°, 92%, 97%
XYZ	41.1261, 19.6332, 89.6177
YIQ	99.9970, 35.0090, 108.9690

Conversions

Conversions Part 2

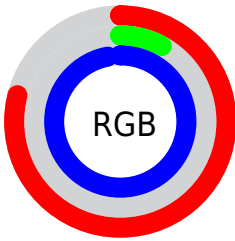
Format	Color
R _{YB}	201, 20, 247
Decimal	13178103
CIE Lab	51.42, 87.57, -71.19
CIE LCh	51, 112.860, 320.892
Yxy	19.6332, 0.2735, 0.1306
Android (android.graphics.Color)	4291368183 (0xFFC914F7)
YUV	99.9970, 72.4725, 88.5796
Hunter-Lab	44.3094, 88.1348, -88.9002

Details

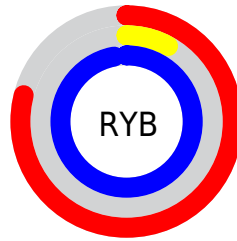
The XYZ color **41.1261, 19.6332, 89.6177** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **35.6345, 67.7308, 11.8575**, and the grayscale version is **11.9293, 12.5506, 13.6676**.

A 20% lighter version of the original color is **63.8472, 37.5943, 98.4991**, and **20.1698, 9.3368, 48.8832** is the 20% darker color. If you saturate the color by 10%, you get **39.8009, 18.5787, 89.4844**, and if you desaturate by 10%, it is **43.1718, 21.6931, 89.9078**.

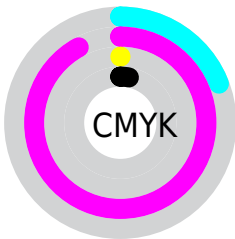
Distribution



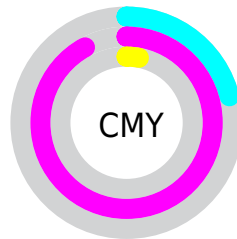
- Red (79%)
- Green (8%)
- Blue (97%)



- Red (79%)
- Yellow (8%)
- Blue (97%)



- Cyan (19%)
- Magenta (92%)
- Yellow (0%)
- Black (3%)





- Cyan (21%)
- Magenta (92%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1261, 19.6332, 89.6177 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 41.1261, 19.6332, 89.6177 by changing the saturation by 10% instead.


 41.1261, 19.6332,
89.6177


 41.1261, 19.6332,
89.6177


341.9010,
249.9224, 547.3244


 28.6057, 12.1287,
67.0917


 76.1488, 42.8014,
148.7381


 18.9255, 6.8314,
48.6971


 99.3818, 59.2338,
186.1696


 11.7202, 3.3569,
34.0153


 126.9164, 79.4110,
229.4067

 6.6243, 1.3208,
22.6279

 159.1180,
103.7174, 278.8678

 3.2725, 0.1572,
14.1163

 196.3519,
132.5373, 334.9717

 1.2994, 0.0000,
8.0619

 238.9834,

 0.1828, 0.0000,

166.2552, 398.1367

4.0463

287.3780,
205.2555, 468.7814

■ 0.0000, 0.0000,
1.6508

■ 0.0000, 0.0000,
0.3267

■ 41.1261, 19.6332,
89.6177

■ 41.1261, 19.6332,
89.6177

■ 39.8009, 18.5787,
89.4844

■ 43.1718, 21.6931,
89.9078

■ 45.8098, 24.8731,
90.3826

■ 49.1254, 29.3421,
91.0704

■ 53.1888, 35.2397,
91.9946

■ 58.0609, 42.6872,
93.1754

■ 63.7960, 51.7929,
94.6306

■ 70.4438, 62.6551,
96.3769

■ 78.0498, 75.3648,
98.4292

■ 86.6566, 90.0062,
100.8017

Harmonies

Analogous

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



27.5374, 19.6332, 148.2703



41.1261, 19.6332, 89.6177



49.4125, 19.6332, 32.8256

Triad

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



41.1261, 19.6332, 89.6177



22.3181, 19.6332, 0.0000



4.8272, 19.6332, 52.1576

Complementary

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



41.1261, 19.6332, 89.6177



35.6345, 67.7308, 11.8575

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.



4.3732, 19.6332, 12.9583



41.1261, 19.6332, 89.6177



11.9317, 19.6332, 0.0000

Square

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



41.1261, 19.6332, 89.6177



36.0088, 19.6332, 0.0755



6.3635, 19.6332, 1.2445



8.0319, 19.6332, 115.2355

Rectangle

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



41.1261, 19.6332, 89.6177



49.1877, 19.6332, 11.6378



6.3635, 19.6332, 1.2445



4.4180, 19.6332, 35.4340

Sweetspot

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



41.1271, 19.6340, 89.6181



71.2234, 59.9534, 102.4260



19.2171, 11.1440, 89.1342



14.6142, 11.8112, 21.7595



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.



41.1271, 19.6340, 89.6181



42.7677, 19.9624, 96.2068



47.1229, 23.6807, 46.7160



16.8655, 16.5888, 20.8556



21.1693, 9.8875, 47.3308



1.9419, 0.9109, 4.1637

Inverse Universe

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



39.5918, 20.6683, 7.0580



41.8525, 21.5050, 5.1554



35.1625, 67.3158, 19.5941



16.6364, 16.5374, 17.8320



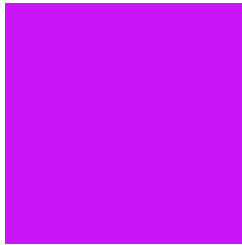
20.6315, 10.5961, 2.7681



1.8486, 0.9454, 0.4292

Previews

White Background



This preview shows how the XYZ color 41.1261, 19.6332, 89.6177 looks on a white background.

Color Contrast Check

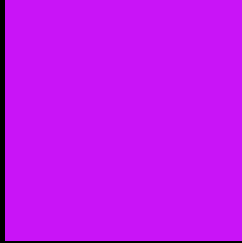
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1261, 19.6332, 89.6177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

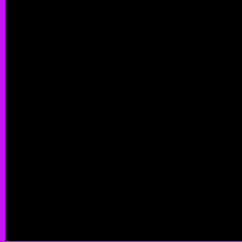
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.1261, 19.6332, 89.6177

Background



This preview shows how black text looks on a background with the XYZ color 41.1261, 19.6332, 89.6177.



This preview shows how white text looks on a background with the XYZ color 41.1261, 19.6332,

89.6177.

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

41.1261, 19.6332, 89.6177

Protanopia

24.0094, 20.1587, 93.8924

Deuteranopia

20.3791, 20.0890, 70.5136



Tritanopia

25.9735, 19.5790, 15.7748

Trichromacy



Original Color

41.1261, 19.6332, 89.6177



Protanomaly

23.0962, 14.5051, 92.0249



Deuteranomaly

20.4388, 13.9460, 76.4775



Tritanomaly

29.0150, 17.5060, 33.7480

Monochromacy



Original Color

41.1261, 19.6332, 89.6177



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

18.3195, 12.1247, 31.5118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1261, 19.6332, 89.6177 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(201, 20, 247)` looks like.

```
.text, #text, p{  
    color:rgb(201, 20, 247)  
}
```

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(201, 20, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 20, 247) }
```

Border

The CSS property to change the border of an element to XYZ 41.1261, 19.6332, 89.6177 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(201, 20, 247) }
```


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

```
.border{ border-color:rgb(201, 20, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 20, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 20, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 20, 247);  
box-shadow:4px 4px 4px 4px rgb(201, 20,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1261, 19.6332, 89.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 20, 247) }
```

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

```
.background{ background-color: rgb(201, 20,  
247) }
```

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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