

Converting Colors

XYZ(41.6153, 22.2095, 94.7630)

Have a look what the booklet for
XYZ(41.6153, 22.2095, 94.7630)
contains.

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Color

**XYZ(41.6122, 22.2099,
95.0222)**

Conversions

Conversions Part 1

Format	Color
Hex	C141FD
RGB	193, 65, 253
RGB Percent	76%, 25%, 99%
CMY	0.2431, 0.7451, 0.0078
CMYK	0.24, 0.74, 0.00, 0.01
HSL	281°, 98%, 62%
HSV	281°, 74%, 99%
XYZ	41.6122, 22.2099, 95.0222
YIQ	124.7040, 15.9400, 85.6040

Conversions

Conversions Part 2

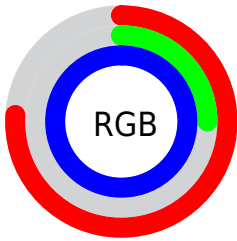
Format	Color
RYB	193, 65, 253
Decimal	12665341
CIELab	54.25, 76.86, -70.01
CIELCh	54, 103.967, 317.674
Yxy	22.2099, 0.2620, 0.1398
Android (android.graphics.Color)	4290855421 (0xFFC141FD)
YUV	124.7040, 63.2499, 59.8956
Hunter-Lab	47.1274, 75.1377, -86.5563

Details

The XYZ color **41.6122, 22.2099, 95.0222** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **44.5373, 74.9926, 17.1293**, and the grayscale version is **19.1856, 20.1848, 21.9812**.

A 20% lighter version of the original color is **66.2567, 42.9581, 99.4074**, and **19.6818, 9.0085, 52.3312** is the 20% darker color. If you saturate the color by 10%, you get **38.4689, 18.8950, 94.5484**, and if you desaturate by 10%, it is **45.5197, 26.8838, 95.7188**.

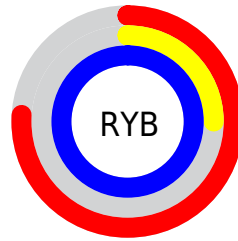
Distribution



Red (76%)

Green (25%)

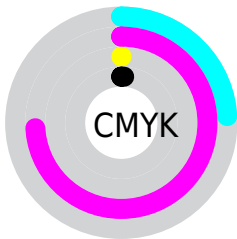
Blue (99%)



Red (76%)

Yellow (25%)

Blue (99%)

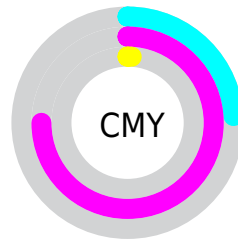


Cyan (24%)

Magenta (74%)

Yellow (0%)

Black (1%)



Cyan (24%)


Magenta (75%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6122, 22.2099, 95.0222 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 41.6122, 22.2099, 95.0222 by changing the saturation by 10% instead.


 41.6122, 22.2099,
95.0222

 41.6122, 22.2099,
95.0222


343.8919,
263.6405, 565.2222

 28.9875, 14.0112,
71.5565

 76.8812, 47.0927,
156.2911


 19.2156, 8.1285,
52.3118


 100.2563, 64.5455,
194.9314


 11.9311, 4.1773,
36.8697


 127.9455, 85.8519,
239.4669

 6.7687, 1.7732,
24.8116

 160.3143,
111.3962, 290.3162

 3.3629, 0.4704,
15.7190

 197.7280,
141.5628, 347.8978

 1.3484, 0.0000,
9.1734

240.5519,

 0.2190, 0.0000,

176.7362, 412.6304

4.7561

289.1514,
217.3006, 484.9323

■ 0.0000, 0.0000,
2.0486

■ 0.0000, 0.0000,
0.5849

■ 41.6122, 22.2099,
95.0222

■ 41.6122, 22.2099,
95.0222

■ 38.4689, 18.8950,
94.5484

■ 45.5197, 26.8838,
95.7188

■ 35.9905, 16.7469,
94.2644

■ 50.2669, 33.0690,
96.6625

■ 34.7995, 15.8917,
94.1621

■ 55.9228, 40.8997,
97.8758

■ 62.5480, 50.4944,
99.3786

70.1973, 61.9605,
101.1886

78.9211, 75.3965,
103.3223

88.7665, 90.8942,
105.7947

94.7297, 99.8719,
107.2133

Harmonies

Analogous

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



28.4234, 22.2099, 145.2767



41.6122, 22.2099, 95.0222



50.2756, 22.2099, 40.0622

Triad

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



41.6122, 22.2099, 95.0222



26.1004, 22.2099, 0.0000



6.4305, 22.2099, 48.4439

Complementary

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



41.6122, 22.2099, 95.0222



44.5373, 74.9926, 17.1293

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.



6.1957, 22.2099, 13.1758



41.6122, 22.2099, 95.0222



15.1726, 22.2099, 0.0000

Square

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



41.6122, 22.2099, 95.0222



39.3976, 22.2099, 1.1796



8.7693, 22.2099, 1.8174



9.5924, 22.2099, 105.6231

Rectangle

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



41.6122, 22.2099, 95.0222



50.8243, 22.2099, 16.7840



8.7693, 22.2099, 1.8174



6.0613, 22.2099, 33.4878

Sweetspot

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



41.6132, 22.2107, 95.0227



73.4076, 66.0419, 103.4861



27.5860, 23.5681, 96.0240



15.2228, 13.3896, 22.0321



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.



41.6132, 22.2107, 95.0227



37.8929, 18.0676, 96.0980



55.5390, 29.9199, 71.7218



18.1959, 17.9927, 22.7639



18.6703, 8.5354, 50.0980



1.9316, 0.8897, 4.8832

Inverse Universe

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



46.1005, 26.1445, 22.0192



43.9800, 23.0223, 14.3043



39.4325, 72.2255, 23.0104



18.2482, 18.0826, 19.9244



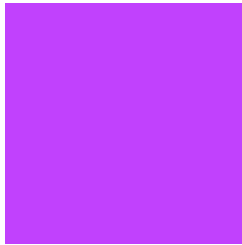
22.3921, 11.4461, 5.4491



2.2275, 1.1334, 0.7794

Previews

White Background



This preview shows how the XYZ color 41.6122, 22.2099, 95.0222 looks on a white background.

Color Contrast Check

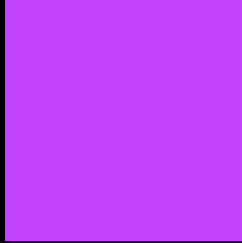
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6122, 22.2099, 95.0222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

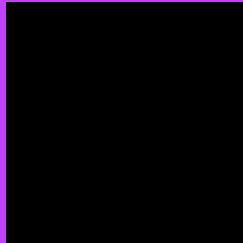
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6122, 22.2099, 95.0222

Background



This preview shows how black text looks on a background with the XYZ color 41.6122, 22.2099, 95.0222.



This preview shows how white text looks on a background with the XYZ color 41.6122, 22.2099,

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

41.6122, 22.2099, 95.0222

Protanopia

26.6376, 22.7226, 97.5897

Deuteranopia

22.9592, 22.3857, 80.2016



Tritanopia

26.3696, 21.9614, 20.9383

Trichromacy



Original Color

41.6122, 22.2099, 95.0222



Protanomaly

27.9853, 19.7090, 96.0952



Deuteranomaly

23.6165, 18.3185, 84.7292



Tritanomaly

30.1667, 20.9336, 39.9867

Monochromacy



Original Color

41.6122, 22.2099, 95.0222



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

24.8743, 19.1631, 41.4176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6122, 22.2099, 95.0222 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(193, 65, 253)` looks like.

```
.text, #text, p{  
    color:rgb(193, 65, 253)  
}
```

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(193, 65, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 65, 253) }
```

Border

The CSS property to change the border of an element to XYZ 41.6122, 22.2099, 95.0222 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(193, 65, 253) }
```


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

```
.border{ border-color:rgb(193, 65, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 65, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 65, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 65, 253); box-shadow:4px 4px 4px 4px rgb(193, 65, 253) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6122, 22.2099, 95.0222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 65, 253) }
```

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

```
.background{ background-color: rgb(193, 65,  
253) }
```

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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