

Converting Colors

XYZ(21.5144, 9.0996, 90.9829)

Have a look what the booklet for
XYZ(21.5144, 9.0996, 90.9829)
contains.

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Color

**XYZ(21.5697, 9.1263,
91.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	5B00FA
RGB	91, 0, 250
RGB Percent	36%, 0%, 98%
CMY	0.6431, 1.0000, 0.0196
CMYK	0.64, 1.00, 0.00, 0.02
HSL	262°, 100%, 49%
HSV	262°, 100%, 98%
XYZ	21.5697, 9.1263, 91.0672
YIQ	55.7090, -26.0140, 97.0420

Conversions

Conversions Part 2

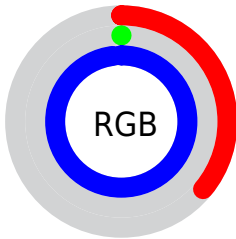
Format	Color
R _Y B	91, 0, 250
Decimal	5964026
CIE Lab	36.23, 79.87, -98.39
CIE LCh	36, 126.726, 309.067
Yxy	9.1263, 0.1771, 0.0750
Android (android.graphics.Color)	4284154106 (0xFF5B00FA)
YUV	55.7090, 95.7855, 30.9502
Hunter-Lab	30.2098, 74.5815, -157.5826

Details

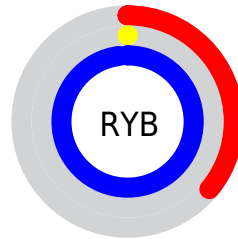
The XYZ color **21.5697, 9.1263, 91.0672** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **48.4822, 75.7416, 12.0643**, and the grayscale version is **3.6065, 3.7943, 4.1320**.

A 20% lighter version of the original color is **35.2011, 20.0013, 96.6131**, and **9.5144, 3.8058, 50.1023** is the 20% darker color. If you saturate the color by 10%, you get **21.5706, 9.1267, 91.0676**, and if you desaturate by 10%, it is **23.6553, 10.7175, 91.2647**.

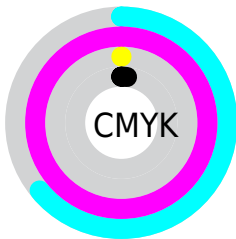
Distribution



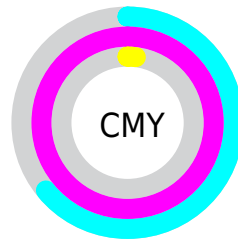
- Red (36%)
- Green (0%)
- Blue (98%)



- Red (36%)
- Yellow (0%)
- Blue (98%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (64%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.5697, 9.1263, 91.0672 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 21.5697, 9.1263, 91.0672 by changing the saturation by 10% instead.


 21.5697, 9.1263,
91.0672


 21.5697, 9.1263,
91.0672


252.9656,
184.3173, 552.1558


 13.6559, 4.8237,
68.2874


 45.5179, 24.1386,
150.7683


 7.9618, 2.1442,
49.6635

 62.2831, 35.6171,
188.5268


 4.1221, 0.6893,
34.7768


 82.7294, 50.2563,
232.1152

 1.7715, 0.0000,
23.2088

 107.2222, 68.4407,
281.9521

 0.5004, 0.0000,
14.5410

 136.1269, 90.5546,
338.4561

 0.0000, 0.0000,
8.3549


 169.8088,


 0.0000, 0.0000,

116.9824, 402.0457

4.2318


 208.6332,
148.1085, 473.1394


 0.0000, 0.0000,
1.7534


 0.0000, 0.0000,
0.3969


 21.5697, 9.1263,
91.0672

 21.5697, 9.1263,
91.0672

 21.5706, 9.1267,
91.0676

 23.6553, 10.7175,
91.2647

 26.5368, 13.3801,
91.6268

 30.3699, 17.3980,
92.2003

 35.2545, 22.9461,
93.0137

41.2759, 30.1718,
94.0911

48.5097, 39.2047,
95.4533

57.0246, 50.1611,
97.1194

66.8836, 63.1475,
99.1064

78.1456, 78.2624,
101.4302

Harmonies

Analogous

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



11.1938, 9.1263, 135.6194



21.5697, 9.1263, 91.0672



30.8117, 9.1263, 33.7259

Triad

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



21.5697, 9.1263, 91.0672



15.0312, 9.1263, 0.0000



0.7569, 9.1263, 18.1237

Complementary

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



21.5697, 9.1263, 91.0672



48.4822, 75.7416, 12.0643

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.



0.9250, 9.1263, 1.2213



21.5697, 9.1263, 91.0672



6.5644, 9.1263, 0.0000

Square

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



21.5697, 9.1263, 91.0672



25.7435, 9.1263, 0.0000



2.3300, 9.1263, 0.0000



1.5474, 9.1263, 66.7643

Rectangle

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



21.5697, 9.1263, 91.0672



33.1131, 9.1263, 10.6356



2.3300, 9.1263, 0.0000



0.7187, 9.1263, 9.2696

Sweetspot

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



21.5706, 9.1267, 91.0676



59.6206, 52.4319, 101.5858



30.2640, 32.9194, 95.2018



11.9211, 10.1337, 21.5776



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.



21.5706, 9.1267, 91.0676



22.5469, 9.5382, 95.2605



44.5512, 20.9737, 92.1430



16.8796, 16.9506, 21.7674



11.5853, 4.9151, 48.3117



1.1848, 0.5128, 4.4797

Inverse Universe

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



45.6818, 22.8270, 34.7955



47.7768, 23.8747, 36.3525



34.9668, 68.7741, 11.4318



17.7092, 17.4111, 20.3246



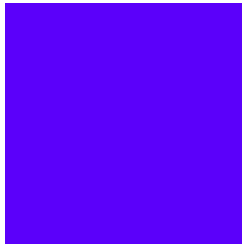
24.3025, 12.1367, 18.8332



2.3017, 1.1444, 2.0122

Previews

White Background



This preview shows how the XYZ color 21.5697, 9.1263, 91.0672 looks on a white background.

Color Contrast Check

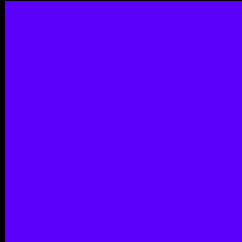
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 21.5697, 9.1263, 91.0672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.5697, 9.1263, 91.0672

Background



This preview shows how black text looks on a background with the XYZ color 21.5697, 9.1263, 91.0672.



This preview shows how white text looks on a background with the XYZ color 21.5697, 9.1263,

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

21.5697, 9.1263, 91.0672

Protanopia

10.8311, 9.2817, 41.7781

Deuteranopia

8.9972, 9.3147, 29.7575



Tritanopia

6.6311, 9.3450, 14.2862

Trichromacy



Original Color

21.5697, 9.1263, 91.0672

Protanomaly

12.5610, 7.1338, 56.5920

Deuteranomaly

10.9533, 6.7948, 47.1886

Tritanomaly

8.2967, 6.0611, 32.1851

Monochromacy



Original Color

21.5697, 9.1263, 91.0672

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

6.9159, 4.0593, 20.4977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5697, 9.1263, 91.0672 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(91, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(91, 0, 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(91, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 0, 250) }
```

Border

The CSS property to change the border of an element to XYZ 21.5697, 9.1263, 91.0672 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(91, 0, 250) }
```


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

```
.border{ border-color:rgb(91, 0, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 0, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(91, 0, 250)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.5697, 9.1263, 91.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 0, 250) }
```

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

```
.background{ background-color: rgb(91, 0,  
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](#).

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