

Converting Colors

XYZ(21.7186, 9.1113, 95.2217)

Have a look what the booklet for
XYZ(21.7186, 9.1113, 95.2217)
contains.

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Color

**XYZ(21.7062, 9.1048,
95.2211)**

Conversions

Conversions Part 1

Format	Color
Hex	5400FF
RGB	84, 0, 255
RGB Percent	33%, 0%, 100%
CMY	0.6705, 1.0000, 0.0000
CMYK	0.67, 1.00, 0.00, 0.00
HSL	260°, 100%, 50%
HSV	260°, 100%, 100%
XYZ	21.7062, 9.1048, 95.2211
YIQ	54.1860, -31.7910, 97.1130

Conversions

Conversions Part 2

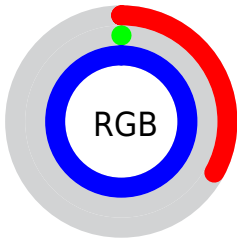
Format	Color
RYB	84, 0, 255
Decimal	5505279
CIELab	36.19, 80.69, -101.28
CIElCh	36, 129.494, 308.542
Yxy	9.1048, 0.1722, 0.0722
Android (android.graphics.Color)	4283695359 (0xFF5400FF)
YUV	54.1860, 99.0013, 26.1469
Hunter-Lab	30.1742, 75.6017, -165.9805

Details

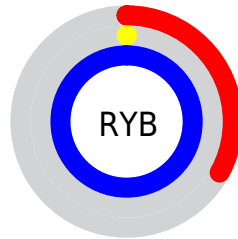
The XYZ color **21.7062, 9.1048, 95.2211** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **52.5522, 80.1767, 12.7059**, and the grayscale version is **3.4147, 3.5925, 3.9122**.

A 20% lighter version of the original color is **34.4142, 19.5957, 96.5763**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **21.7072, 9.1053, 95.2212**, and if you desaturate by 10%, it is **23.7876, 10.7099, 95.4212**.

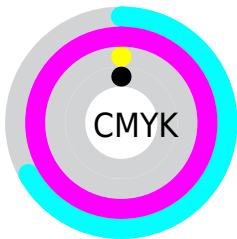
Distribution



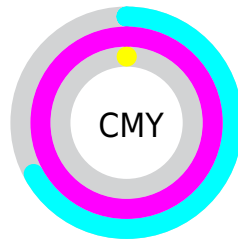
- Red (33%)
- Green (0%)
- Blue (100%)



- Red (33%)
- Yellow (0%)
- Blue (100%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (67%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7062, 9.1048, 95.2211 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 21.7062, 9.1048, 95.2211 by changing the saturation by 10% instead.


 21.7062, 9.1048,
95.2211


 21.7062, 9.1048,
95.2211


253.6694,
184.1578, 565.8750


 13.7566, 4.8096,
71.7211


 45.7424, 24.0975,
156.5682


 8.0321, 2.1360,
52.4454


 62.5597, 35.5638,
195.2525

 4.1675, 0.6848,
36.9756


 83.0636, 50.1893,
239.8352

 1.7973, 0.0000,
24.8929

 107.6194, 68.3583,
290.7349

 0.5161, 0.0000,
15.7790

 136.5926, 90.4553,
348.3702


 0.0000, 0.0000,
9.2153


 170.3484,


 0.0000, 0.0000,


116.8646, 413.1596


4.7831


 209.2522,
147.9706, 485.5217


 0.0000, 0.0000,
2.0641


 0.0000, 0.0000,
0.5943


 21.7062, 9.1048,
95.2211


 21.7062, 9.1048,
95.2211

 21.7072, 9.1053,
95.2212

 23.7876, 10.7099,
95.4212

 26.7334, 13.4538,
95.7956

 30.7103, 17.6345,
96.3929

 35.8265, 23.4375,
97.2434

■ 42.1750, 31.0193,
98.3722

■ 49.8381, 40.5174,
99.8016

■ 58.8907, 52.0556,
101.5516

■ 69.4015, 65.7469,
103.6403

■ 81.4346, 81.6958,
106.0845

Harmonies

Analogous

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



11.0690, 9.1048, 141.0688



21.7062, 9.1048, 95.2211



31.3474, 9.1048, 35.2631

Triad

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



21.7062, 9.1048, 95.2211



15.3536, 9.1048, 0.0000



0.6814, 9.1048, 17.7272

Complementary

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



21.7062, 9.1048, 95.2211



52.5522, 80.1767, 12.7059

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.



0.8657, 9.1048, 1.0524



21.7062, 9.1048, 95.2211



6.6183, 9.1048, 0.0000

Square

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



21.7062, 9.1048, 95.2211



26.3975, 9.1048, 0.0000



2.2824, 9.1048, 0.0000



1.4376, 9.1048, 67.6501

Rectangle

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



21.7062, 9.1048, 95.2211



33.8429, 9.1048, 11.0432



2.2824, 9.1048, 0.0000



0.6474, 9.1048, 8.8638

Sweetspot

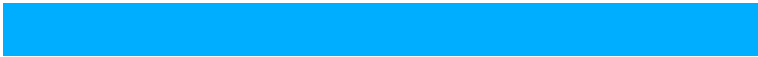
The Sweet Spot groups the original color and five complimentary colors.



21.7072, 9.1053, 95.2212



58.8907, 52.0556, 101.5516



33.2344, 37.5888, 100.1115



11.7509, 10.0460, 21.5697



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.



21.7072, 9.1053, 95.2212



44.1328, 20.6662, 96.2707



17.5667, 17.6683, 22.7344



11.4819, 4.8296, 49.7616



1.2276, 0.5268, 4.8502

Inverse Universe

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



48.5896, 24.1999, 40.6326



36.9208, 72.1184, 11.9743



18.5233, 18.1926, 21.3726



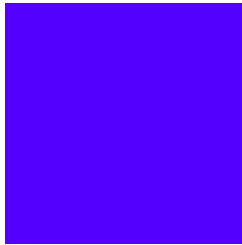
25.4610, 12.6737, 21.6099



2.5296, 1.2542, 2.3700

Previews

White Background



This preview shows how the XYZ color 21.7062, 9.1048, 95.2211 looks on a white background.

Color Contrast Check

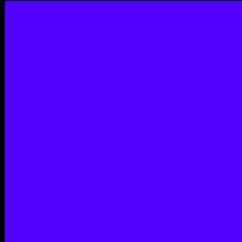
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7062, 9.1048, 95.2211 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 21.7062, 9.1048, 95.2211

Background



This preview shows how black text looks on a background with the XYZ color 21.7062, 9.1048, 95.2211.



This preview shows how white text looks on a background with the XYZ color 21.7062, 9.1048,

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

21.7062, 9.1048, 95.2211

Protanopia

10.7332, 9.2425, 41.2627

Deuteranopia

8.9177, 9.2829, 29.3387



Tritanopia

6.4905, 9.1437, 13.9932

Trichromacy



Original Color

21.7062, 9.1048, 95.2211

Protanomaly

12.6177, 7.1493, 57.2148

Deuteranomaly

10.9978, 6.8054, 47.7476

Tritanomaly

8.3525, 5.9916, 33.0640

Monochromacy



Original Color

21.7062, 9.1048, 95.2211

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

6.5828, 3.8002, 20.4652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7062, 9.1048, 95.2211 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(84, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 0, 255)  
}
```

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(84, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 0, 255) }
```

Border

The CSS property to change the border of an element to XYZ 21.7062, 9.1048, 95.2211 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(84, 0, 255) }
```

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

```
.border{ border-color:rgb(84, 0, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 0, 255)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.7062, 9.1048, 95.2211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 0, 255) }
```

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

```
.background{ background-color: rgb(84, 0,  
255) }
```

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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