

Converting Colors

XYZ(21.7053, 9.2687, 95.2528)

Have a look what the booklet for
XYZ(21.7053, 9.2687, 95.2528)
contains.

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Color

**XYZ(21.7258, 9.2761,
95.2531)**

Conversions

Conversions Part 1

Format	Color
Hex	530AFF
RGB	83, 10, 255
RGB Percent	33%, 4%, 100%
CMY	0.6745, 0.9609, 0.0000
CMYK	0.67, 0.96, 0.00, 0.00
HSL	258°, 100%, 52%
HSV	258°, 96%, 100%
XYZ	21.7258, 9.2761, 95.2531
YIQ	59.7570, -35.1370, 91.6710

Conversions

Conversions Part 2

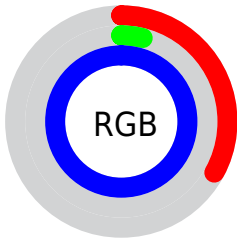
Format	Color
RYB	83, 10, 255
Decimal	5442303
CIELab	36.51, 79.38, -100.74
CIELCh	37, 128.258, 308.234
Yxy	9.2761, 0.1721, 0.0735
Android (android.graphics.Color)	4283632383 (0xFF530AFF)
YUV	59.7570, 96.2548, 20.3841
Hunter-Lab	30.4567, 74.0310, -164.1094

Details

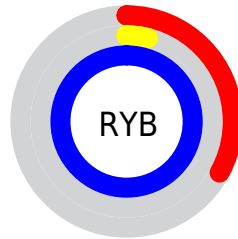
The XYZ color **21.7258, 9.2761, 95.2531** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **55.0995, 81.4836, 13.1105**, and the grayscale version is **4.1355, 4.3509, 4.7381**.

A 20% lighter version of the original color is **34.4362, 19.9259, 96.6388**, and **9.9638, 3.9855, 52.4687** is the 20% darker color. If you saturate the color by 10%, you get **21.0307, 8.7566, 95.1895**, and if you desaturate by 10%, it is **24.0220, 11.2121, 95.5058**.

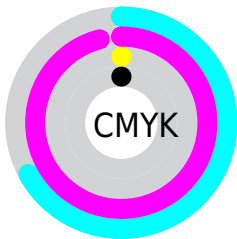
Distribution



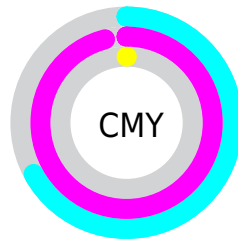
- Red (33%)
- Green (4%)
- Blue (100%)



- Red (33%)
- Yellow (4%)
- Blue (100%)



- Cyan (67%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (96%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7258, 9.2761, 95.2531 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 21.7258, 9.2761, 95.2531 by changing the saturation by 10% instead.

■ 21.7258, 9.2761,
95.2531

■ 21.7258, 9.2761,
95.2531

253.7703,
185.4244, 565.9800

■ 13.7710, 4.9217,
71.7476

■ 45.7746, 24.4247,
156.6128

■ 8.0422, 2.2014,
52.4669

■ 62.5994, 35.9877,
195.3041

■ 4.1740, 0.7208,
36.9926

■ 83.1115, 50.7224,
239.8944

■ 1.8010, 0.0000,
24.9060

■ 107.6764, 69.0131,
290.8023

■ 0.5183, 0.0000,
15.7887

■ 136.6594, 91.2443,
348.4462

■ 0.0000, 0.0000,
9.2220

■ 170.4258,

■ 0.0000, 0.0000,

117.8003, 413.2448

4.7875

209.3410,
149.0655, 485.6165

0.0000, 0.0000,
2.0666

0.0000, 0.0000,
0.5958

21.7258, 9.2761,
95.2531

21.7258, 9.2761,
95.2531

21.0307, 8.7566,
95.1895

24.0220, 11.2121,
95.5058

27.2994, 14.4640,
95.9607

31.6853, 19.2466,
96.6527

37.2848, 25.7343,
97.6098

■ 44.1894, 34.0770,
98.8562

■ 52.4813, 44.4078,
100.4132

■ 62.2355, 56.8474,
102.3002

■ 73.5212, 71.5064,
104.5349

■ 86.4033, 88.4880,
107.1337

Harmonies

Analogous

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



11.1422, 9.2761, 139.9821



21.7258, 9.2761, 95.2531



31.3468, 9.2761, 35.8429

Triad

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



21.7258, 9.2761, 95.2531



15.6241, 9.2761, 0.0000



0.7430, 9.2761, 17.5796

Complementary

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



21.7258, 9.2761, 95.2531



55.0995, 81.4836, 13.1105

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.



0.9374, 9.2761, 1.0803



21.7258, 9.2761, 95.2531



6.8395, 9.2761, 0.0000

Square

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



21.7258, 9.2761, 95.2531



26.6074, 9.2761, 0.0000



2.4135, 9.2761, 0.0000



1.5064, 9.2761, 66.7631

Rectangle

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



21.7258, 9.2761, 95.2531



33.8849, 9.2761, 11.4813



2.4135, 9.2761, 0.0000



0.7122, 9.2761, 8.8343

Sweetspot

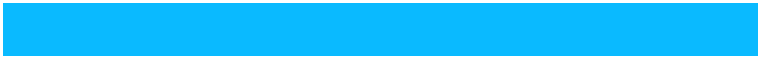
The Sweet Spot groups the original color and five complimentary colors.



21.7265, 9.2762, 95.2531



59.2374, 52.9974, 101.7151



35.6451, 42.2248, 100.8792



11.7895, 10.2091, 21.5991



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.



21.7265, 9.2762, 95.2531



21.0307, 8.7566, 95.1895



42.4919, 19.9811, 96.2249



17.5119, 17.6401, 22.7319



11.1190, 4.6425, 49.7446



1.1869, 0.5058, 4.8483

Inverse Universe

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



49.7890, 24.8529, 46.4137



49.3764, 24.5145, 44.7755



37.8690, 72.6009, 12.3041



18.5485, 18.2027, 21.5053



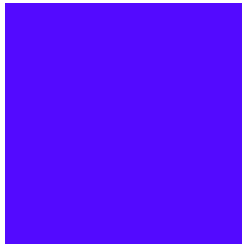
25.8692, 12.8370, 23.7592



2.5670, 1.2692, 2.5671

Previews

White Background



This preview shows how the XYZ color 21.7258, 9.2761, 95.2531 looks on a white background.

Color Contrast Check

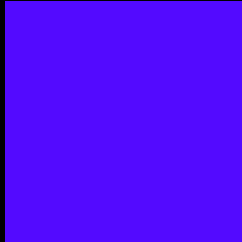
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7258, 9.2761, 95.2531 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 21.7258, 9.2761, 95.2531

Background



This preview shows how black text looks on a background with the XYZ color 21.7258, 9.2761, 95.2531.



This preview shows how white text looks on a background with the XYZ color 21.7258, 9.2761,

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

21.7258, 9.2761, 95.2531

Protanopia

10.7332, 9.2425, 41.2627

Deuteranopia

8.9177, 9.2829, 29.3387



Tritanopia

6.4412, 9.1240, 13.7335

Trichromacy



Original Color

21.7258, 9.2761, 95.2531

Protanomaly

12.7291, 7.4162, 57.2605

Deuteranomaly

11.1209, 7.0956, 47.7972

Tritanomaly

8.4546, 6.3771, 32.6836

Monochromacy



Original Color

21.7258, 9.2761, 95.2531

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

7.3086, 4.5236, 21.9607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7258, 9.2761, 95.2531 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(83, 10, 255)` looks like.

```
.text, #text, p{  
    color:rgb(83, 10, 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(83, 10, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 10, 255) }
```

Border

The CSS property to change the border of an element to XYZ 21.7258, 9.2761, 95.2531 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(83, 10, 255) }
```


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

```
.border{ border-color:rgb(83, 10, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 10, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 10, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 10, 255);  
box-shadow:4px 4px 4px 4px rgb(83, 10,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7258, 9.2761, 95.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 10, 255) }
```

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

```
.background{ background-color: rgb(83, 10,  
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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