

Converting Colors

XYZ(32.8299, 21.2404, 94.4649)

Have a look what the booklet for
XYZ(32.8299, 21.2404, 94.4649)
contains.

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Color

**XYZ(32.8299, 21.2404,
94.4649)**

Conversions

Conversions Part 1

Format	Color
Hex	8D61FC
RGB	141, 97, 252
RGB Percent	55%, 38%, 99%
CMY	0.4470, 0.6196, 0.0118
CMYK	0.44, 0.62, 0.00, 0.01
HSL	257°, 96%, 68%
HSV	257°, 62%, 99%
XYZ	32.8299, 21.2404, 94.4649
YIQ	127.8260, -23.5310, 57.5330

Conversions

Conversions Part 2

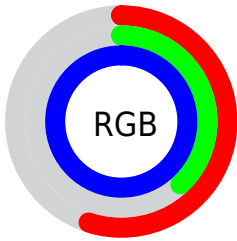
Format	Color
R_{YB}	141, 97, 252
Decimal	9265660
CIE Lab	53.21, 52.49, -71.42
CIE LCh	53, 88.635, 306.314
Yxy	21.2404, 0.2210, 0.1430
Android (android.graphics.Color)	4287455740 (0xFF8D61FC)
YUV	127.8260, 61.2178, 11.5536
Hunter-Lab	46.0873, 46.5002, -89.2653

Details

The XYZ color **32.8299, 21.2404, 94.4649** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **62.9798, 83.8936, 24.1833**, and the grayscale version is **20.2592, 21.3143, 23.2113**.

A 20% lighter version of the original color is **53.0437, 41.4502, 99.8127**, and **14.0624, 7.6335, 51.7712** is the 20% darker color. If you saturate the color by 10%, you get **28.0378, 15.8453, 93.6766**, and if you desaturate by 10%, it is **38.8632, 28.3730, 95.5241**.

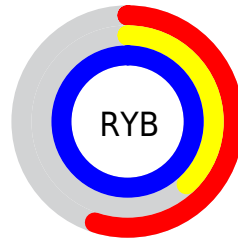
Distribution



Red (55%)

Green (38%)

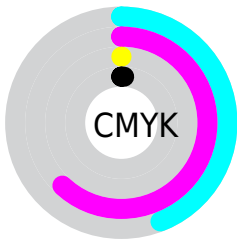
Blue (99%)



Red (55%)

Yellow (38%)

Blue (99%)

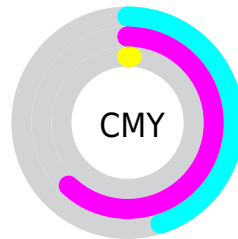


Cyan (44%)

Magenta (62%)

Yellow (0%)

Black (1%)



Cyan (45%)


Magenta (62%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8299, 21.2404, 94.4649 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 32.8299, 21.2404, 94.4649 by changing the saturation by 10% instead.

 32.8299, 21.2404,
94.4649


 32.8299, 21.2404,
94.4649


306.5611,
258.5533, 563.3910


 22.1548, 13.2998,
71.0953


 63.4663, 45.4873,
155.5143


 14.0879, 7.6353,
51.9376


 84.1583, 62.5624,
194.0312

 8.2639, 3.8625,
36.5735


 108.9200, 83.4512,
238.4343

 4.3175, 1.5970,
24.5842

 138.1168,
108.5379, 289.1421

 1.8833, 0.3555,
15.5514

172.1139,
138.2072, 346.5731

 0.5671, 0.0000,
9.0564

211.2767,

 0.0000, 0.0000,

172.8432, 411.1459

4.6806

255.9707,
212.8305, 483.2790

■ 0.0000, 0.0000,
2.0057

■ 0.0000, 0.0000,
0.5588

■ 32.8299, 21.2404,
94.4649

■ 32.8299, 21.2404,
94.4649

■ 28.0378, 15.8453,
93.6766

■ 38.8632, 28.3730,
95.5241

■ 24.3869, 12.0276,
93.1321

■ 46.2205, 37.3792,
96.8747

■ 21.7645, 9.5994,
92.8016

■ 54.9805, 48.3839,
98.5371

■ 20.2092, 8.3885,
92.6499

■ 65.2147, 61.5000,
100.5294

76.9895, 76.8323,
102.8682

90.3670, 94.4783,
105.5692

94.5708, 99.8083,
106.3764

Harmonies

Analogous

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



22.2328, 21.2404, 121.4707



32.8299, 21.2404, 94.4649



41.5571, 21.2404, 50.6215

Triad

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



32.8299, 21.2404, 94.4649



28.3142, 21.2404, 0.7394



7.0648, 21.2404, 29.2706

Complementary

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



32.8299, 21.2404, 94.4649



62.9798, 83.8936, 24.1833

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.



7.7866, 21.2404, 7.9876



32.8299, 21.2404, 94.4649



18.2733, 21.2404, 0.2549

Square

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



32.8299, 21.2404, 94.4649



38.4362, 21.2404, 4.0641



11.2969, 21.2404, 1.4967



8.8830, 21.2404, 69.0400

Rectangle

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



32.8299, 21.2404, 94.4649



43.9960, 21.2404, 26.6008



11.2969, 21.2404, 1.4967



7.0292, 21.2404, 19.9700

Sweetspot

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



32.8309, 21.2411, 94.4654



71.0393, 68.4203, 104.0700



45.0770, 54.7225, 100.2826



14.4813, 13.7060, 22.1322



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.



32.8309, 21.2411, 94.4654



27.7437, 15.1355, 96.0669



50.8840, 30.5478, 95.3103



16.7457, 16.8816, 21.7612



10.6512, 4.4336, 48.2679



1.0856, 0.4617, 4.4751

Inverse Universe

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



55.8046, 33.7991, 63.2550



53.7989, 29.4288, 58.3679



46.2641, 75.2764, 23.4010



17.7706, 17.4356, 20.6477



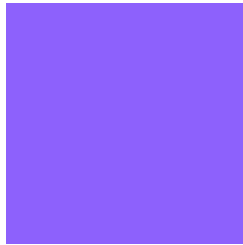
25.2942, 12.5334, 24.0552



2.3882, 1.1790, 2.4674

Previews

White Background



This preview shows how the XYZ color 32.8299, 21.2404, 94.4649 looks on a white background.

Color Contrast Check

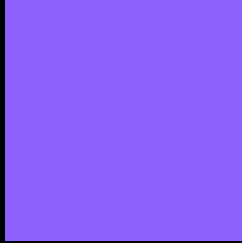
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8299, 21.2404, 94.4649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

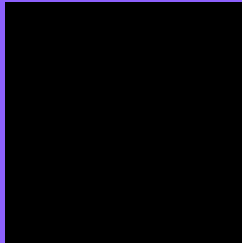
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.8299, 21.2404, 94.4649

Background



This preview shows how black text looks on a background with the XYZ color 32.8299, 21.2404, 94.4649.



This preview shows how white text looks on a background with the XYZ color 32.8299, 21.2404,

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

32.8299, 21.2404, 94.4649

Protanopia

25.5746, 21.4304, 97.3963

Deuteranopia

21.7101, 21.4563, 74.9487



Tritanopia

19.3205, 21.0753, 27.4757

Trichromacy



Original Color

32.8299, 21.2404, 94.4649



Protanomaly

26.3931, 20.3056, 96.2942



Deuteranomaly

22.8391, 19.6588, 81.1880



Tritanomaly

22.7679, 20.2288, 45.8846

Monochromacy



Original Color

32.8299, 21.2404, 94.4649



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

23.5770, 20.7263, 42.2931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8299, 21.2404, 94.4649 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(141, 97, 252)` looks like.

```
.text, #text, p{  
    color:rgb(141, 97, 252)  
}
```

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(141, 97, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 97, 252) }
```

Border

The CSS property to change the border of an element to XYZ 32.8299, 21.2404, 94.4649 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(141, 97, 252) }
```


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

```
.border{ border-color:rgb(141, 97, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 97, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 97, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 97, 252);  
box-shadow:4px 4px 4px 4px rgb(141, 97,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8299, 21.2404, 94.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 97, 252) }
```

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

```
.background{ background-color: rgb(141, 97,  
252) }
```

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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