

Converting Colors

XYZ(32.7519, 21.5684, 90.4326)

Have a look what the booklet for
XYZ(32.7519, 21.5684, 90.4326)
contains.

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Color

**XYZ(32.7519, 21.5684,
90.4326)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9063F7 |
| RGB | 144, 99, 247 |
| RGB Percent | 56%, 39%, 97% |
| CMY | 0.4353, 0.6118, 0.0314 |
| CMYK | 0.42, 0.60, 0.00, 0.03 |
| HSL | 258°, 90%, 68% |
| HSV | 258°, 60%, 97% |
| XYZ | 32.7519, 21.5684, 90.4326 |
| YIQ | 129.3270, -20.6880, 55.5680 |

Conversions

Conversions Part 2

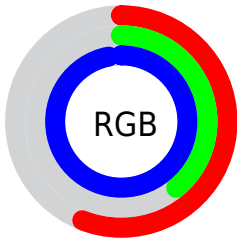
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 144, 99, 247 |
| Decimal | 9462775 |
| CIELab | 53.57, 50.69, -68.06 |
| CIELCh | 54, 84.856, 306.677 |
| Yxy | 21.5684, 0.2263, 0.1490 |
| Android (android.graphics.Color) | 4287652855 (0xFF9063F7) |
| YUV | 129.3270, 58.0128, 12.8682 |
| Hunter-Lab | 46.4418, 44.6095, -82.9417 |

Details

The XYZ color **32.7519, 21.5684, 90.4326** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **59.8698, 79.9791, 24.0869**, and the grayscale version is **20.7898, 21.8725, 23.8192**.

A 20% lighter version of the original color is **53.9068, 42.3730, 99.9453**, and **14.0487, 7.7991, 49.4801** is the 20% darker color. If you saturate the color by 10%, you get **27.9824, 16.1512, 89.6388**, and if you desaturate by 10%, it is **38.6959, 28.6533, 91.4873**.

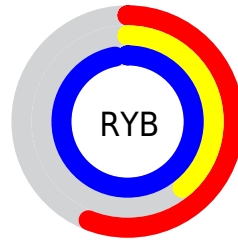
Distribution



Red (56%)

Green (39%)

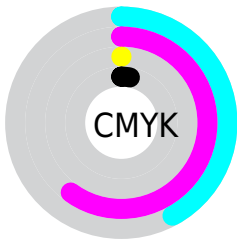
Blue (97%)



Red (56%)

Yellow (39%)

Blue (97%)

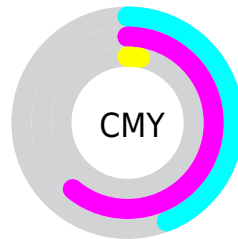


Cyan (42%)

Magenta (60%)

Yellow (0%)

Black (3%)



Cyan (44%)


Magenta (61%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7519, 21.5684, 90.4326 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 32.7519, 21.5684, 90.4326 by changing the saturation by 10% instead.


 32.7519, 21.5684,
90.4326


 32.7519, 21.5684,
90.4326


306.2151,
260.2840, 550.0435

 22.0948, 13.5401,
67.7638


 63.3453, 46.0316,
149.8799


 14.0435, 7.8015,
49.2401


 84.0122, 63.2353,
187.4955

 8.2329, 3.9682,
34.4430


 108.7465, 84.2663,
230.9303

 4.2974, 1.6558,
22.9540

 137.9134,
109.5089, 280.6031

 1.8717, 0.3948,
14.3546

171.8784,
139.3476, 336.9322

 0.5603, 0.0000,
8.2261

211.0068,

 0.0000, 0.0000,

174.1668, 400.3363

4.1501

255.6639,
214.3508, 471.2339

■ 0.0000, 0.0000,
1.7081

■ 0.0000, 0.0000,
0.3663

■ 32.7519, 21.5684,
90.4326

■ 32.7519, 21.5684,
90.4326

■ 27.9824, 16.1512,
89.6388

■ 38.6959, 28.6533,
91.4873

■ 24.2961, 12.2537,
89.0808

■ 45.8898, 37.5319,
92.8219

■ 21.5914, 9.7043,
88.7313

■ 54.4056, 48.3202,
94.4554

■ 19.7117, 8.2256,
88.5449

■ 64.3090, 61.1237,
96.4048

■ 19.6985, 8.2156,
88.5437

■ 75.6609, 76.0400,
98.6856

■ 88.5186, 93.1604,
101.3125

■ 93.7886, 99.4954,
102.2575

Harmonies

Analogous

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



22.5911, 21.5684, 115.9253



32.7519, 21.5684, 90.4326



40.9951, 21.5684, 49.2617

Triad

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



32.7519, 21.5684, 90.4326



28.1914, 21.5684, 1.0097



7.6175, 21.5684, 29.7698

Complementary

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



32.7519, 21.5684, 90.4326



59.8698, 79.9791, 24.0869

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.



8.3116, 21.5684, 8.7618



32.7519, 21.5684, 90.4326



18.5423, 21.5684, 0.5645

Square

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



32.7519, 21.5684, 90.4326



37.8662, 21.5684, 4.5211



11.7627, 21.5684, 1.9011



9.4701, 21.5684, 67.6099

Rectangle

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



32.7519, 21.5684, 90.4326



43.2459, 21.5684, 26.4935



11.7627, 21.5684, 1.9011



7.5717, 21.5684, 20.7121

Sweetspot

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



32.7529, 21.5691, 90.4331



71.3240, 68.5670, 104.0833



43.1962, 51.8918, 95.7356



14.5499, 13.7414, 22.1354



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.



32.7529, 21.5691, 90.4331



29.1151, 16.3071, 96.2208



49.9852, 30.4527, 91.2396



16.0550, 16.1710, 20.8177



10.5437, 4.4098, 46.8335



1.0267, 0.4391, 4.1209

Inverse Universe

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



53.4804, 32.9625, 59.4197



53.8476, 29.9491, 57.0804



44.5060, 72.0588, 23.3678



16.9865, 16.6774, 19.6754



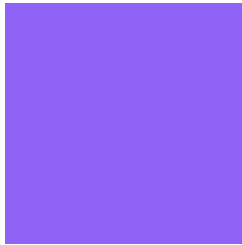
24.2851, 12.0575, 22.0073



2.1800, 1.0780, 2.1742

Previews

White Background



This preview shows how the XYZ color 32.7519, 21.5684, 90.4326 looks on a white background.

Color Contrast Check

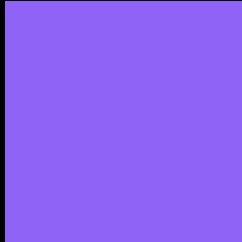
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7519, 21.5684, 90.4326 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 32.7519, 21.5684, 90.4326

Background



This preview shows how black text looks on a background with the XYZ color 32.7519, 21.5684, 90.4326.



This preview shows how white text looks on a background with the XYZ color 32.7519, 21.5684,

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

32.7519, 21.5684, 90.4326

Protanopia

25.9323, 21.7980, 97.4484

Deuteranopia

22.1255, 21.6224, 77.1361



Tritanopia

19.9817, 21.4161, 27.5067

Trichromacy



Original Color

32.7519, 21.5684, 90.4326



Protanomaly

26.6486, 20.6407, 94.6750



Deuteranomaly

23.1533, 19.9798, 81.9931



Tritanomaly

23.2667, 20.6832, 44.8855

Monochromacy



Original Color

32.7519, 21.5684, 90.4326



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

23.7563, 21.0038, 41.8318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7519, 21.5684, 90.4326 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(144, 99, 247)` looks like.

```
.text, #text, p{  
    color:rgb(144, 99, 247)  
}
```

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(144, 99, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 99, 247) }
```

Border

The CSS property to change the border of an element to XYZ 32.7519, 21.5684, 90.4326 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(144, 99, 247) }
```


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

```
.border{ border-color:rgb(144, 99, 247) }
```

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

Here you see how a box with a 4 pixel rgb(144, 99, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 99, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 99, 247);  
box-shadow:4px 4px 4px 4px rgb(144, 99,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7519, 21.5684, 90.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 99, 247) }
```

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

```
.background{ background-color: rgb(144, 99,  
247) }
```

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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