

Converting Colors

XYZ(32.7119, 21.4947, 97.0325)

Have a look what the booklet for
XYZ(32.7119, 21.4947, 97.0325)
contains.

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Color

**XYZ(32.7605, 21.5686,
97.0442)**

Conversions

Conversions Part 1

Format	Color
Hex	8864FF
RGB	136, 100, 255
RGB Percent	53%, 39%, 100%
CMY	0.4666, 0.6078, 0.0000
CMYK	0.47, 0.61, 0.00, 0.00
HSL	254°, 100%, 70%
HSV	254°, 61%, 100%
XYZ	32.7605, 21.5686, 97.0442
YIQ	128.4340, -28.2990, 55.8370

Conversions

Conversions Part 2

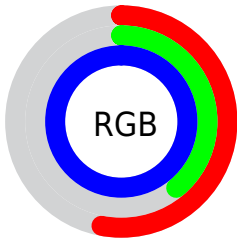
Format	Color
R _Y B	136, 100, 255
Decimal	8938751
CIE Lab	53.57, 50.71, -72.53
CIE LCh	54, 88.502, 304.962
Yxy	21.5686, 0.2164, 0.1425
Android (android.graphics.Color)	4287128831 (0xFF8864FF)
YUV	128.4340, 62.3970, 6.6354
Hunter-Lab	46.4420, 44.6416, -91.3817

Details

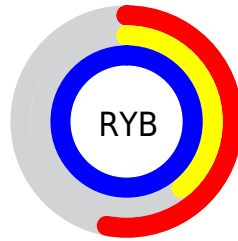
The XYZ color **32.7605, 21.5686, 97.0442** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **67.2725, 87.4996, 25.4003**, and the grayscale version is **20.4663, 21.5322, 23.4485**.

A 20% lighter version of the original color is **52.0432, 41.4122, 99.8581**, and **14.0859, 7.8547, 53.5970** is the 20% darker color. If you saturate the color by 10%, you get **27.7919, 15.9272, 96.2172**, and if you desaturate by 10%, it is **39.0767, 29.0407, 98.1536**.

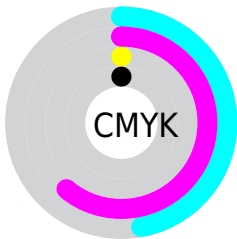
Distribution



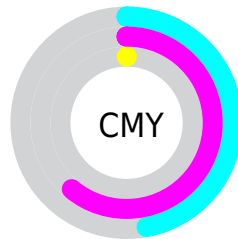
- Red (53%)
- Green (39%)
- Blue (100%)



- Red (53%)
- Yellow (39%)
- Blue (100%)



- Cyan (47%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)





- Cyan (47%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7605, 21.5686, 97.0442 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 32.7605, 21.5686, 97.0442 by changing the saturation by 10% instead.

 32.7605, 21.5686,
97.0442

 32.7605, 21.5686,
97.0442


306.2533,
260.2850, 571.8394

 22.1014, 13.5403,
73.2313

 63.3586, 46.0319,
159.1055


 14.0484, 7.8016,
53.6721


 84.0283, 63.2357,
198.1910

 8.2363, 3.9683,
37.9482


 108.7656, 84.2668,
243.2044

 4.2996, 1.6558,
25.6410

 137.9359,
109.5095, 294.5643

 1.8730, 0.3948,
16.3319

171.9044,
139.3483, 352.6892

 0.5611, 0.0000,
9.6024

211.0366,

 0.0000, 0.0000,

174.1676, 417.9977

5.0340

255.6977,
214.3517, 490.9082

■ 0.0000, 0.0000,
2.2081

■ 0.0000, 0.0000,
0.6791

■ 32.7605, 21.5686,
97.0442

■ 32.7605, 21.5686,
97.0442

■ 27.7919, 15.9272,
96.2172

■ 39.0767, 29.0407,
98.1536

■ 24.0623, 11.9500,
95.6461

■ 46.8316, 38.4859,
99.5680

■ 21.4493, 9.4421,
95.2998

■ 56.1111, 50.0344,
101.3080

■ 19.8675, 8.1569,
95.1351

■ 66.9935, 63.8047,
103.3923

■ 79.5515, 79.9063,
105.8384

■ 93.8533, 98.4414,
108.6622

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



22.1109, 21.5686, 122.6762



32.7605, 21.5686, 97.0442



41.7365, 21.5686, 53.0712

Triad

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



32.7605, 21.5686, 97.0442



29.1820, 21.5686, 0.8509



7.2127, 21.5686, 28.2745

Complementary

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



32.7605, 21.5686, 97.0442



67.2725, 87.4996, 25.4003

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.



8.0600, 21.5686, 7.6387



32.7605, 21.5686, 97.0442



18.9699, 21.5686, 0.2926

Square

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



32.7605, 21.5686, 97.0442



39.2647, 21.5686, 4.5154



11.7586, 21.5686, 1.4506



8.9324, 21.5686, 67.6457

Rectangle

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



32.7605, 21.5686, 97.0442



44.4193, 21.5686, 28.3516



11.7586, 21.5686, 1.4506



7.2137, 21.5686, 19.2090

Sweetspot

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



32.7615, 21.5692, 97.0443



70.3182, 68.0485, 104.0363



49.2723, 61.8627, 103.9515



14.3078, 13.6166, 22.1241



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.



32.7615, 21.5692, 97.0443



26.8625, 14.9085, 96.0696



49.4952, 30.1958, 97.8274



17.3978, 17.5813, 22.7265



10.4886, 4.3175, 49.7151



1.1122, 0.4673, 4.8448

Inverse Universe

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



58.5829, 35.4888, 70.7774



55.2123, 30.2392, 65.0554



49.5475, 78.3620, 24.5708



18.6016, 18.2239, 21.7849



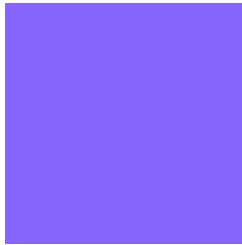
26.8015, 13.2099, 28.6691



2.6513, 1.3029, 3.0110

Previews

White Background



This preview shows how the XYZ color 32.7605, 21.5686, 97.0442 looks on a white background.

Color Contrast Check

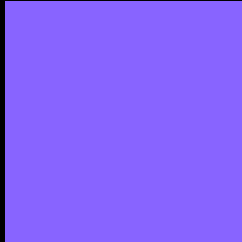
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7605, 21.5686, 97.0442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

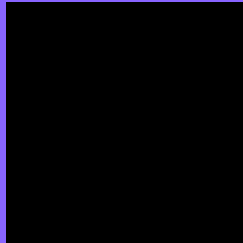
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7605, 21.5686, 97.0442

Background



This preview shows how black text looks on a background with the XYZ color 32.7605, 21.5686, 97.0442.



This preview shows how white text looks on a background with the XYZ color 32.7605, 21.5686,

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

32.7605, 21.5686, 97.0442

Protanopia

25.8605, 21.7610, 97.4450

Deuteranopia

21.8478, 21.5113, 75.6736



Tritanopia

19.0776, 21.5197, 28.7394

Trichromacy



Original Color

32.7605, 21.5686, 97.0442

Protanomaly

26.8532, 20.8592, 97.2186

Deuteranomaly

23.1495, 19.9610, 82.7535

Tritanomaly

22.5998, 20.6337, 47.5913

Monochromacy



Original Color

32.7605, 21.5686, 97.0442

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.4785, 20.8382, 42.8291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7605, 21.5686, 97.0442 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(136, 100, 255)` looks like.

```
.text, #text, p{  
    color:rgb(136, 100, 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(136, 100, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 100, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.7605, 21.5686, 97.0442 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(136, 100, 255) }
```


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

```
.border{ border-color:rgb(136, 100, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 100, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 100, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 100, 255);  
box-shadow:4px 4px 4px 4px rgb(136, 100,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7605, 21.5686, 97.0442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 100, 255) }
```

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

```
.background{ background-color: rgb(136,  
100, 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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