

Converting Colors

XYZ(32.7307, 27.4099, 74.4317)

Have a look what the booklet for
XYZ(32.7307, 27.4099, 74.4317)
contains.

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Color

**XYZ(32.5554, 27.2771,
74.0702)**

Conversions

Conversions Part 1

Format	Color
Hex	8D83E0
RGB	141, 131, 224
RGB Percent	55%, 51%, 88%
CMY	0.4470, 0.4863, 0.1216
CMYK	0.37, 0.42, 0.00, 0.12
HSL	246°, 60%, 70%
HSV	246°, 42%, 88%
XYZ	32.5554, 27.2771, 74.0702
YIQ	144.5920, -23.8930, 31.0430

Conversions

Conversions Part 2

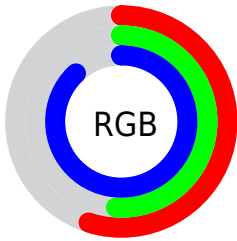
Format	Color
RYB	141, 131, 224
Decimal	9274336
CIELab	59.23, 25.57, -46.19
CIELCh	59, 52.795, 298.968
Yxy	27.2771, 0.2431, 0.2037
Android (android.graphics.Color)	4287464416 (0xFF8D83E0)
YUV	144.5920, 39.1481, -3.1502
Hunter-Lab	52.2275, 19.8678, -47.5272

Details

The XYZ color **32.5554, 27.2771, 74.0702** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **58.4839, 69.2464, 31.7569**, and the grayscale version is **26.6026, 27.9880, 30.4790**.

A 20% lighter version of the original color is **58.2164, 53.3713, 101.8411**, and **13.9229, 10.8402, 38.4043** is the 20% darker color. If you saturate the color by 10%, you get **26.7679, 20.3003, 73.0291**, and if you desaturate by 10%, it is **39.6088, 35.8728, 75.3581**.

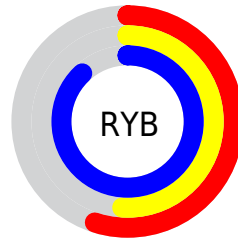
Distribution



Red (55%)

Green (51%)

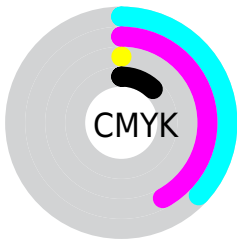
Blue (88%)



Red (55%)

Yellow (51%)

Blue (88%)

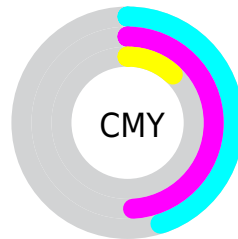


Cyan (37%)

Magenta (42%)

Yellow (0%)

Black (12%)



Cyan (45%)

Magenta (49%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5554, 27.2771, 74.0702 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 32.5554, 27.2771, 74.0702 by changing the saturation by 10% instead.

■ 32.5554, 27.2771,
74.0702

■ 32.5554, 27.2771,
74.0702

305.3421,
288.9963, 493.8855

■ 21.9437, 17.7814,
54.3544

■ 63.0401, 55.3282,
126.7303

■ 13.9319, 10.7932,
38.4899

■ 83.6438, 74.6524,
160.5116

■ 8.1547, 5.9279,
26.0584

■ 108.3089, 98.0217,
199.8185

■ 4.2467, 2.8013,
16.6412

137.4006,
125.8203, 245.0695

■ 1.8426, 1.0289,
9.8197

171.2845,
158.4326, 296.6832

■ 0.5432, 0.0000,
5.1756

210.3258,

■ 0.0000, 0.0000,

196.2432, 355.0780

2.2901

254.8899,
239.6362, 420.6726

■ 0.0000, 0.0000,
0.7257

■ 0.0000, 0.0000,
0.0000

■ 32.5554, 27.2771,
74.0702

■ 32.5554, 27.2771,
74.0702

■ 26.7679, 20.3003,
73.0291

■ 39.6088, 35.8728,
75.3581

■ 22.1679, 14.8377,
72.2172

■ 47.9940, 46.1771,
76.9051

■ 18.6729, 10.7771,
71.6176

■ 57.7762, 58.2769,
78.7250

■ 16.1885, 7.9891,
71.2104

■ 69.0153, 72.2522,
80.8301

■ 14.6040, 6.3201,
70.9718

■ 81.7676, 88.1781,
83.2320

■ 13.8335, 5.5772,
70.8690

■ 90.4547, 98.1619,
84.7012

Harmonies

Analogous

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



25.6986, 27.2771, 82.7198



32.5554, 27.2771, 74.0702



38.3612, 27.2771, 52.5940

Triad

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



32.5554, 27.2771, 74.0702



33.0176, 27.2771, 8.2025



15.2141, 27.2771, 29.0514

Complementary

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



32.5554, 27.2771, 74.0702



58.4839, 69.2464, 31.7569

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.



16.5186, 27.2771, 14.6525



32.5554, 27.2771, 74.0702



26.1549, 27.2771, 6.1944

Square

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



32.5554, 27.2771, 74.0702



38.6582, 27.2771, 15.3706



20.2639, 27.2771, 7.9285



16.3502, 27.2771, 50.9547

Rectangle

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



32.5554, 27.2771, 74.0702



40.4474, 27.2771, 37.1949



20.2639, 27.2771, 7.9285



15.3772, 27.2771, 23.2865

Sweetspot

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



32.5564, 27.2781, 74.0709



76.7103, 77.1901, 105.4638



47.0394, 58.6560, 79.3641



16.0292, 16.0384, 22.5009



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.



32.5564, 27.2781, 74.0709



36.7248, 28.2096, 98.1171



42.0162, 32.1548, 74.5136



13.0882, 13.3135, 17.2676



8.0986, 3.2703, 41.2527



0.6081, 0.2508, 2.8616

Inverse Universe

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



50.9947, 36.9356, 68.0590



64.8143, 42.9363, 88.3157



46.9441, 63.2975, 31.2169



14.2282, 13.9089, 16.9718



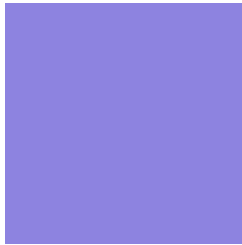
23.9813, 11.6595, 32.8967



1.6807, 0.8156, 2.3774

Previews

White Background



This preview shows how the XYZ color 32.5554, 27.2771, 74.0702 looks on a white background.

Color Contrast Check

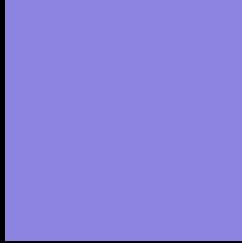
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5554, 27.2771, 74.0702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

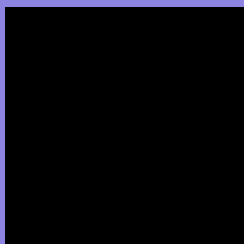
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5554, 27.2771, 74.0702

Background



This preview shows how black text looks on a background with the XYZ color 32.5554, 27.2771, 74.0702.



This preview shows how white text looks on a background with the XYZ color 32.5554, 27.2771,

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

32.5554, 27.2771, 74.0702

Protanopia

29.7420, 27.3556, 80.0565

Deuteranopia

28.2246, 27.3866, 72.9058



Tritanopia

24.9689, 27.4277, 35.8764

Trichromacy



Original Color

32.5554, 27.2771, 74.0702

Protanomaly

30.5548, 27.1874, 77.7660

Deuteranomaly

29.6102, 27.2177, 73.5049

Tritanomaly

27.2254, 27.2112, 47.5334

Monochromacy



Original Color

32.5554, 27.2771, 74.0702

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.5197, 27.7415, 43.8959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5554, 27.2771, 74.0702 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, 131, 224)` looks like.

```
.text, #text, p{  
    color:rgb(141, 131, 224)  
}
```

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, 131, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 131, 224) }
```

Border

The CSS property to change the border of an element to XYZ 32.5554, 27.2771, 74.0702 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, 131, 224) }
```


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

```
.border{ border-color:rgb(141, 131, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 131, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 131, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 131, 224);  
box-shadow:4px 4px 4px 4px rgb(141, 131,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5554, 27.2771, 74.0702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 131, 224) }
```

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

```
.background{ background-color: rgb(141,  
131, 224) }
```

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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