

Converting Colors

XYZ(32.5720, 22.8218, 79.0330)

Have a look what the booklet for
XYZ(32.5720, 22.8218, 79.0330)
contains.

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Color

**XYZ(32.4820, 22.7136,
79.0161)**

Conversions

Conversions Part 1

Format	Color
Hex	976AE8
RGB	151, 106, 232
RGB Percent	59%, 42%, 91%
CMY	0.4078, 0.5843, 0.0902
CMYK	0.35, 0.54, 0.00, 0.09
HSL	261°, 73%, 66%
HSV	261°, 54%, 91%
XYZ	32.4820, 22.7136, 79.0161
YIQ	133.8190, -13.6260, 48.7260

Conversions

Conversions Part 2

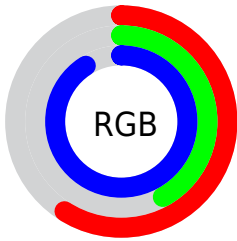
Format	Color
RYB	151, 106, 232
Decimal	9923304
CIELab	54.78, 44.50, -57.70
CIElCh	55, 72.869, 307.643
Yxy	22.7136, 0.2420, 0.1692
Android (android.graphics.Color)	4288113384 (0xFF976AE8)
YUV	133.8190, 48.4032, 15.0677
Hunter-Lab	47.6588, 38.2544, -64.9390

Details

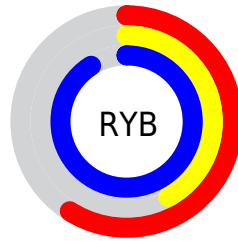
The XYZ color **32.4820, 22.7136, 79.0161** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **51.9518, 69.3190, 24.2781**, and the grayscale version is **22.4262, 23.5941, 25.6939**.

A 20% lighter version of the original color is **56.7426, 45.5716, 100.4133**, and **13.9700, 8.3958, 41.9586** is the 20% darker color. If you saturate the color by 10%, you get **27.8116, 17.2243, 78.2032**, and if you desaturate by 10%, it is **38.1511, 29.6782, 80.0621**.

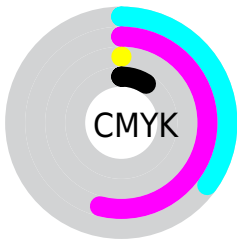
Distribution



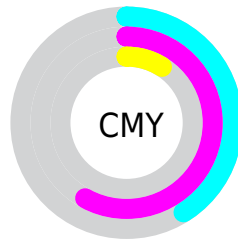
- Red (59%)
- Green (42%)
- Blue (91%)



- Red (59%)
- Yellow (42%)
- Blue (91%)



- Cyan (35%)
- Magenta (54%)
- Yellow (0%)
- Black (9%)



- Cyan (41%)
- Magenta (58%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4820, 22.7136, 79.0161 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 32.4820, 22.7136, 79.0161 by changing the saturation by 10% instead.

32.4820, 22.7136,
79.0161

32.4820, 22.7136,
79.0161

305.0155,
266.2506, 511.2299

21.8873, 14.3822,
58.3877

62.9261, 47.9226,
133.7804

13.8902, 8.3870,
41.7036

83.5061, 65.5690,
168.7533

8.1255, 4.3435,
28.5454

108.1452, 87.0892,
209.3448

4.2279, 1.8675,
18.4946

137.2089,
112.8675, 255.9734

1.8318, 0.5287,
11.1326

171.0624,
143.2885, 309.0577

0.5367, 0.0000,
6.0408

210.0711,

0.0000, 0.0000,

178.7363, 369.0162

2.8007

254.6004,
219.5956, 436.2674

■ 0.0000, 0.0000,
0.9938

■ 0.0000, 0.0000,
0.0000

■ 32.4820, 22.7136,
79.0161

■ 32.4820, 22.7136,
79.0161

■ 27.8116, 17.2243,
78.2032

■ 38.1511, 29.6782,
80.0621

■ 24.0704, 13.0941,
77.6031

■ 44.8758, 38.2170,
81.3558

■ 21.1836, 10.1927,
77.1952

■ 52.7119, 48.4229,
82.9127

■ 19.0608, 8.3611,
76.9536

■ 61.7101, 60.3809,
84.7466

■ 18.1205, 7.6589,
76.8676

■ 71.9180, 74.1701,
86.8701

■ 83.3803, 89.8645,
89.2953

■ 91.5656, 98.6062,
90.5513

Harmonies

Analogous

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



23.7121, 22.7136, 99.7582



32.4820, 22.7136, 79.0161



39.2889, 22.7136, 45.7016

Triad

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



32.4820, 22.7136, 79.0161



28.0239, 22.7136, 2.2198



9.5994, 22.7136, 31.1041

Complementary

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



32.4820, 22.7136, 79.0161



51.9518, 69.3190, 24.2781

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.



10.2093, 22.7136, 11.4168



32.4820, 22.7136, 79.0161



19.5958, 22.7136, 1.6816

Square

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



32.4820, 22.7136, 79.0161



36.3011, 22.7136, 6.3413



13.4518, 22.7136, 3.6230



11.5098, 22.7136, 62.8579

Rectangle

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



32.4820, 22.7136, 79.0161



41.0278, 22.7136, 26.5985



13.4518, 22.7136, 3.6230



9.5272, 22.7136, 22.9535

Sweetspot

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



32.4830, 22.7144, 79.0167



74.3876, 72.0350, 104.5912



38.4718, 44.8148, 82.9668



15.4139, 14.7406, 22.2828



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.



32.4830, 22.7144, 79.0167



33.9373, 20.7442, 96.8231



47.1897, 30.2960, 79.7049



14.0662, 14.1363, 18.1316



10.1845, 4.3162, 42.6795



0.8510, 0.3697, 3.1585

Inverse Universe

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



47.4028, 31.0523, 50.5088



54.7744, 32.4229, 55.4775



39.9016, 63.1068, 23.7141



14.7651, 14.5232, 16.9636



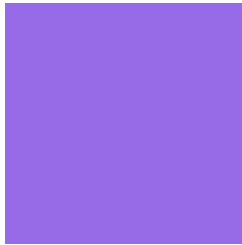
21.5551, 10.7562, 17.0837



1.6368, 0.8124, 1.4937

Previews

White Background



This preview shows how the XYZ color 32.4820, 22.7136, 79.0161 looks on a white background.

Color Contrast Check

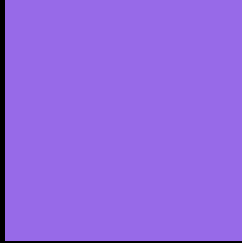
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4820, 22.7136, 79.0161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

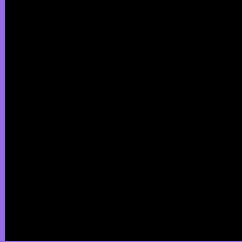
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4820, 22.7136, 79.0161

Background



This preview shows how black text looks on a background with the XYZ color 32.4820, 22.7136, 79.0161.



This preview shows how white text looks on a background with the XYZ color 32.4820, 22.7136,

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

32.4820, 22.7136, 79.0161

Protanopia

27.0063, 23.1404, 95.9717

Deuteranopia

23.8023, 23.1359, 75.1627



Tritanopia

22.2320, 22.7642, 28.0331

Trichromacy



Original Color

32.4820, 22.7136, 79.0161

Protanomaly

27.3926, 22.0104, 89.1909

Deuteranomaly

25.4009, 21.9915, 76.3048

Tritanomaly

25.0277, 22.1808, 42.4974

Monochromacy



Original Color

32.4820, 22.7136, 79.0161

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.2786, 22.8930, 41.1167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4820, 22.7136, 79.0161 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(151, 106, 232)` looks like.

```
.text, #text, p{  
    color:rgb(151, 106, 232)  
}
```

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(151, 106, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 106, 232) }
```

Border

The CSS property to change the border of an element to XYZ 32.4820, 22.7136, 79.0161 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(151, 106, 232) }
```


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

```
.border{ border-color:rgb(151, 106, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 106, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 106, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 106, 232);  
box-shadow:4px 4px 4px 4px rgb(151, 106,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4820, 22.7136, 79.0161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 106, 232) }
```

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

```
.background{ background-color: rgb(151,  
106, 232) }
```

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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