

Converting Colors

XYZ(30.7269, 22.2850, 79.0631)

Have a look what the booklet for
XYZ(30.7269, 22.2850, 79.0631)
contains.

XYZ(30.6816, 22.2524, 79.0220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.6816, 22.2524,
79.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6DE8
RGB	139, 109, 232
RGB Percent	55%, 43%, 91%
CMY	0.4549, 0.5725, 0.0902
CMYK	0.40, 0.53, 0.00, 0.09
HSL	255°, 73%, 67%
HSV	255°, 53%, 91%
XYZ	30.6816, 22.2524, 79.0220
YIQ	131.9920, -21.6030, 44.6130

Conversions

Conversions Part 2

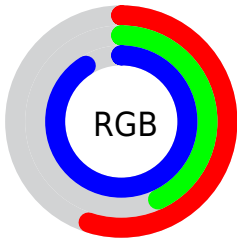
Format	Color
R _Y B	139, 109, 232
Decimal	9137640
CIE Lab	54.29, 40.00, -58.54
CIE LCh	54, 70.898, 304.347
Yxy	22.2524, 0.2325, 0.1686
Android (android.graphics.Color)	4287327720 (0xFF8B6DE8)
YUV	131.9920, 49.3039, 6.1460
Hunter-Lab	47.1724, 33.5470, -66.3003

Details

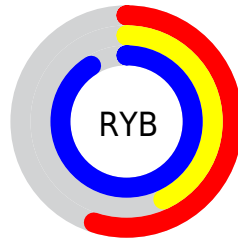
The XYZ color **30.6816, 22.2524, 79.0220** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **55.9737, 71.3740, 25.2949**, and the grayscale version is **21.7636, 22.8970, 24.9349**.

A 20% lighter version of the original color is **53.8208, 44.5801, 100.3759**, and **12.8334, 8.1207, 41.4485** is the 20% darker color. If you saturate the color by 10%, you get **25.8278, 16.5487, 78.1773**, and if you desaturate by 10%, it is **36.6603, 29.5059, 80.1074**.

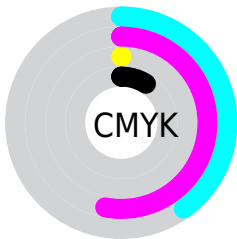
Distribution



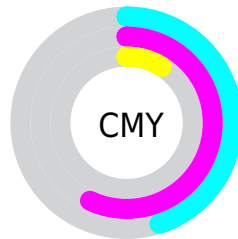
- Red (55%)
- Green (43%)
- Blue (91%)



- Red (55%)
- Yellow (43%)
- Blue (91%)



- Cyan (40%)
- Magenta (53%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (57%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6816, 22.2524, 79.0220 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 30.6816, 22.2524, 79.0220 by changing the saturation by 10% instead.

■ 30.6816, 22.2524,
79.0220

■ 30.6816, 22.2524,
79.0220

296.9219,
263.8615, 511.2504

■ 20.5072, 14.0425,
58.3925

■ 60.1177, 47.1628,
133.7888

■ 12.8746, 8.1502,
41.7075

■ 80.1100, 64.6321,
168.7631

■ 7.4187, 4.1912,
28.5484

■ 104.1057, 85.9566,
209.3561

■ 3.7739, 1.7811,
18.4969

■ 132.4702,
111.5207, 255.9864

■ 1.5751, 0.4753,
11.1342

165.5686,
141.7089, 309.0724

■ 0.3761, 0.0000,
6.0418

203.7665,

■ 0.0000, 0.0000,

176.9055, 369.0327

2.8013

247.4291,
217.4949, 436.2858

■ 0.0000, 0.0000,
0.9941

■ 0.0000, 0.0000,
0.0000

■ 30.6816, 22.2524,
79.0220

■ 30.6816, 22.2524,
79.0220

■ 25.8278, 16.5487,
78.1773

■ 36.6603, 29.5059,
80.1074

■ 22.0210, 12.2757,
77.5532

■ 43.8287, 38.4114,
81.4485

■ 19.1773, 9.3004,
77.1288

■ 52.2499, 49.0648,
83.0610

■ 17.1968, 7.4622,
76.8784

■ 61.9817, 61.5542,
84.9588

■ 16.2297, 6.6841,
76.7792

■ 73.0781, 75.9613,
87.1548

■ 85.5901, 92.3631,
89.6612

■ 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.



22.2957, 22.2524, 96.1678



30.6816, 22.2524, 79.0220



37.5554, 22.2524, 47.6928

Triad

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



30.6816, 22.2524, 79.0220



28.2510, 22.2524, 2.5587



9.5314, 22.2524, 27.5970

Complementary

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



30.6816, 22.2524, 79.0220



55.9737, 71.3740, 25.2949

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.



10.3911, 22.2524, 10.0892



30.6816, 22.2524, 79.0220



20.0447, 22.2524, 1.7531

Square

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



30.6816, 22.2524, 79.0220



35.9293, 22.2524, 7.2855



13.8307, 22.2524, 3.3485



11.1076, 22.2524, 57.0088

Rectangle

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



30.6816, 22.2524, 79.0220



39.6326, 22.2524, 28.6636



13.8307, 22.2524, 3.3485



9.5487, 22.2524, 20.2773

Sweetspot

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



30.6826, 22.2532, 79.0226



72.9349, 71.2861, 104.5232



42.2995, 51.9316, 84.1388



15.0704, 14.5636, 22.2667



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.



30.6826, 22.2532, 79.0226



31.3145, 19.7137, 96.7624



43.6409, 28.9334, 79.6290



13.9105, 14.0561, 18.1243



9.1053, 3.7598, 42.6290



0.7554, 0.3204, 3.1540

Inverse Universe

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



49.4081, 32.3577, 59.5173



57.3402, 33.7958, 67.9199



42.7384, 64.5510, 24.6755



14.8369, 14.5520, 17.3417



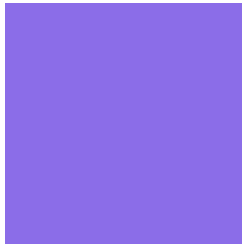
22.8453, 11.2723, 23.8782



1.7242, 0.8474, 1.9541

Previews

White Background



This preview shows how the XYZ color 30.6816, 22.2524, 79.0220 looks on a white background.

Color Contrast Check

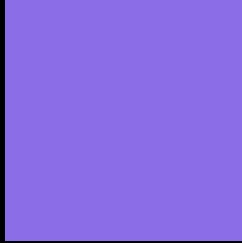
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6816, 22.2524, 79.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

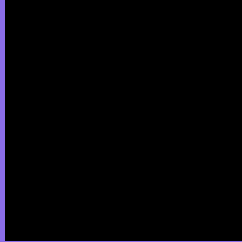
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6816, 22.2524, 79.0220

Background



This preview shows how black text looks on a background with the XYZ color 30.6816, 22.2524, 79.0220.



This preview shows how white text looks on a background with the XYZ color 30.6816, 22.2524,

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

30.6816, 22.2524, 79.0220

Protanopia

26.3634, 22.6911, 92.6128

Deuteranopia

23.2004, 22.4070, 75.7752



Tritanopia

20.6050, 22.3071, 28.8109

Trichromacy



Original Color

30.6816, 22.2524, 79.0220

Protanomaly

26.9186, 21.9787, 87.6176

Deuteranomaly

24.6192, 21.5724, 76.9951

Tritanomaly

23.5497, 21.9461, 43.5523

Monochromacy



Original Color

30.6816, 22.2524, 79.0220

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.2672, 22.3934, 40.0891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6816, 22.2524, 79.0220 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(139, 109, 232)` looks like.

```
.text, #text, p{  
    color:rgb(139, 109, 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(139, 109, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 109, 232) }
```

Border

The CSS property to change the border of an element to XYZ 30.6816, 22.2524, 79.0220 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(139, 109, 232) }
```


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

```
.border{ border-color:rgb(139, 109, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 109, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 109, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 109, 232);  
box-shadow:4px 4px 4px 4px rgb(139, 109,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6816, 22.2524, 79.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 109, 232) }
```

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

```
.background{ background-color: rgb(139,  
109, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor