

Converting Colors

XYZ(28.0004, 22.4887, 79.3381)

Have a look what the booklet for
XYZ(28.0004, 22.4887, 79.3381)
contains.

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Color

**XYZ(27.9724, 22.5306,
79.2185)**

Conversions

Conversions Part 1

Format	Color
Hex	7177E8
RGB	113, 119, 232
RGB Percent	44%, 47%, 91%
CMY	0.5568, 0.5333, 0.0902
CMYK	0.51, 0.49, 0.00, 0.09
HSL	237°, 72%, 68%
HSV	237°, 51%, 91%
XYZ	27.9724, 22.5306, 79.2185
YIQ	130.0880, -39.8490, 33.8710

Conversions

Conversions Part 2

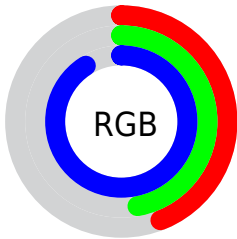
Format	Color
R_{YB}	113, 119, 232
Decimal	7436264
CIE _{Lab}	54.59, 28.34, -58.18
CIE _{LCh}	55, 64.715, 295.967
Yxy	22.5306, 0.2156, 0.1737
Android (android.graphics.Color)	4285626344 (0xFF7177E8)
YUV	130.0880, 50.2426, -14.9862
Hunter-Lab	47.4664, 22.1255, -65.7249

Details

The XYZ color **27.9724, 22.5306, 79.2185** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **63.4576, 72.7436, 26.3208**, and the grayscale version is **21.0882, 22.1864, 24.1610**.

A 20% lighter version of the original color is **49.4075, 45.0037, 100.6903**, and **11.4051, 8.3192, 42.0789** is the 20% darker color. If you saturate the color by 10%, you get **23.0351, 16.5341, 78.3218**, and if you desaturate by 10%, it is **34.2821, 30.1371, 80.3546**.

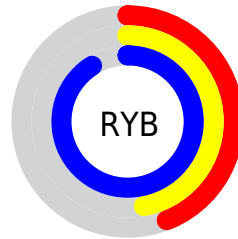
Distribution



Red (44%)

Green (47%)

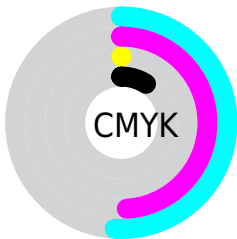
Blue (91%)



Red (44%)

Yellow (47%)

Blue (91%)

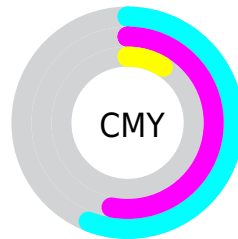


Cyan (51%)

Magenta (49%)

Yellow (0%)

Black (9%)



Cyan (56%)

Magenta (53%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9724, 22.5306, 79.2185 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 27.9724, 22.5306, 79.2185 by changing the saturation by 10% instead.

■ 27.9724, 22.5306,
79.2185

■ 27.9724, 22.5306,
79.2185

284.4175,
265.3048, 511.9324

■ 18.4452, 14.2473,
58.5531

■ 55.8493, 47.6214,
134.0679

■ 11.3717, 8.2929,
41.8358

■ 74.9298, 65.1977,
169.0889

■ 6.3866, 4.2829,
28.6482

■ 97.9253, 86.6405,
209.7323

■ 3.1244, 1.8330,
18.5715

125.2014,
112.3341, 256.4165

■ 1.2199, 0.5076,
11.1874

157.1233,
142.6629, 309.5600

■ 0.1220, 0.0000,
6.0773

194.0563,

■ 0.0000, 0.0000,

178.0114, 369.5815

2.8226

236.3660,
218.7639, 436.8994

■ 0.0000, 0.0000,
1.0048

■ 0.0000, 0.0000,
0.0000

■ 27.9724, 22.5306,
79.2185

■ 27.9724, 22.5306,
79.2185

■ 23.0351, 16.5341,
78.3218

■ 34.2821, 30.1371,
80.3546

■ 19.3653, 12.0296,
77.6457

■ 42.0528, 39.4557,
81.7437

■ 16.8479, 8.8865,
77.1717

■ 51.3692, 50.5828,
83.4005

■ 15.3451, 6.9507,
76.8773

■ 62.3086, 63.6069,
85.3378

■ 14.6933, 6.0817,
76.7439

■ 74.9433, 78.6107,
87.5679

■ 89.3411, 95.6720,
90.1022

■ 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.



20.4678, 22.5306, 87.9399



27.9724, 22.5306, 79.2185



34.8525, 22.5306, 53.6005

Triad

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



27.9724, 22.5306, 79.2185



30.0092, 22.5306, 4.2926



10.4712, 22.5306, 21.8810

Complementary

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



27.9724, 22.5306, 79.2185



63.4576, 72.7436, 26.3208

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.



11.9692, 22.5306, 8.5008



27.9724, 22.5306, 79.2185



22.3903, 22.5306, 2.5398

Square

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



27.9724, 22.5306, 79.2185



36.1993, 22.5306, 11.0766



15.9714, 22.5306, 3.4877



11.3288, 22.5306, 45.9668

Rectangle

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



27.9724, 22.5306, 79.2185



37.5957, 22.5306, 35.2980



15.9714, 22.5306, 3.4877



10.7050, 22.5306, 16.2133

Sweetspot

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



27.9734, 22.5313, 79.2191



71.8384, 72.4283, 104.8015



49.1313, 66.6102, 80.8367



14.7602, 14.7691, 22.3227



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.



27.9734, 22.5313, 79.2191



28.0071, 19.8318, 96.9595



35.8991, 25.5911, 79.3919



13.6408, 14.0030, 18.1282



8.1838, 3.4297, 42.6138



0.6254, 0.2948, 3.1559

Inverse Universe

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



42.5146, 30.2994, 21.0608



48.0484, 30.8081, 16.7427



50.7619, 68.6617, 26.2021



14.4063, 14.3797, 15.0739



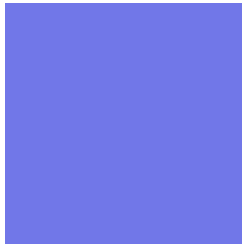
18.5243, 9.5439, 1.1241



1.3793, 0.7094, 0.1380

Previews

White Background



This preview shows how the XYZ color 27.9724, 22.5306, 79.2185 looks on a white background.

Color Contrast Check

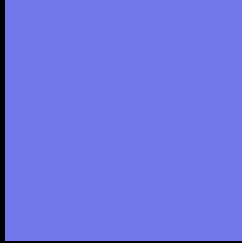
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9724, 22.5306, 79.2185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

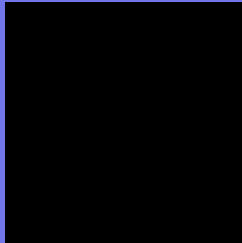
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9724, 22.5306, 79.2185

Background



This preview shows how black text looks on a background with the XYZ color 27.9724, 22.5306, 79.2185.



This preview shows how white text looks on a background with the XYZ color 27.9724, 22.5306,

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

27.9724, 22.5306, 79.2185

Protanopia

25.9367, 22.6294, 85.4390

Deuteranopia

23.4763, 22.7176, 77.2763



Tritanopia

18.5240, 22.4052, 32.2025

Trichromacy



Original Color

27.9724, 22.5306, 79.2185

Protanomaly

26.3935, 22.3550, 83.0446

Deuteranomaly

24.3981, 22.1940, 77.8609

Tritanomaly

21.1784, 22.0147, 46.3131

Monochromacy



Original Color

27.9724, 22.5306, 79.2185

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.7481, 21.9968, 39.6061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9724, 22.5306, 79.2185 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(113, 119, 232)` looks like.

```
.text, #text, p{  
    color:rgb(113, 119, 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(113, 119, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 119, 232) }
```

Border

The CSS property to change the border of an element to XYZ 27.9724, 22.5306, 79.2185 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(113, 119, 232) }
```


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

```
.border{ border-color:rgb(113, 119, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 119, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 119, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 119, 232); box-shadow:4px 4px 4px 4px rgb(113, 119, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9724, 22.5306, 79.2185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 119, 232) }
```

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

```
.background{ background-color: rgb(113,  
119, 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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