

Converting Colors

XYZ(28.0282, 21.9716, 76.1658)

Have a look what the booklet for
XYZ(28.0282, 21.9716, 76.1658)
contains.

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Color

**XYZ(28.0195, 21.9279,
76.1545)**

Conversions

Conversions Part 1

Format	Color
Hex	7973E4
RGB	121, 115, 228
RGB Percent	47%, 45%, 89%
CMY	0.5255, 0.5490, 0.1059
CMYK	0.47, 0.50, 0.00, 0.11
HSL	243°, 68%, 67%
HSV	243°, 50%, 89%
XYZ	28.0195, 21.9279, 76.1545
YIQ	129.6760, -32.6970, 36.4150

Conversions

Conversions Part 2

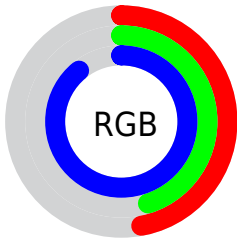
Format	Color
RYB	121, 115, 228
Decimal	7959524
CIELab	53.95, 31.26, -56.93
CIELCh	54, 64.945, 298.772
Yxy	21.9279, 0.2222, 0.1739
Android (android.graphics.Color)	4286149604 (0xFF7973E4)
YUV	129.6760, 48.4737, -7.6089
Hunter-Lab	46.8272, 24.8594, -63.6435

Details

The XYZ color **28.0195, 21.9279, 76.1545** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **60.9617, 72.2542, 26.9536**, and the grayscale version is **20.9475, 22.0384, 23.9998**.

A 20% lighter version of the original color is **50.4591, 44.4411, 100.5263**, and **11.4402, 8.0170, 39.9742** is the 20% darker color. If you saturate the color by 10%, you get **23.0395, 15.9669, 75.2668**, and if you desaturate by 10%, it is **34.3212, 29.5250, 77.2892**.

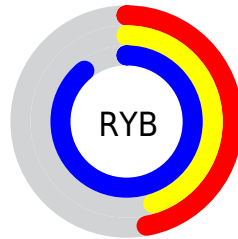
Distribution



Red (47%)

Green (45%)

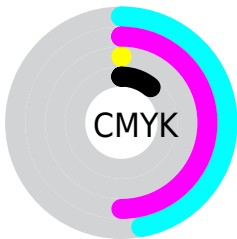
Blue (89%)



Red (47%)

Yellow (45%)

Blue (89%)

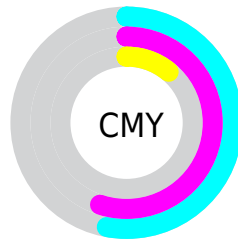


Cyan (47%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (53%)

Magenta (55%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0195, 21.9279, 76.1545 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 28.0195, 21.9279, 76.1545 by changing the saturation by 10% instead.

■ 28.0195, 21.9279,
76.1545

■ 28.0195, 21.9279,
76.1545

284.6385,
262.1695, 501.2373

■ 18.4809, 13.8039,
56.0518

■ 55.9240, 46.6268,
129.7074

■ 11.3976, 7.9844,
39.8402

■ 75.0206, 63.9705,
163.9946

■ 6.4042, 4.0850,
27.1011

■ 98.0339, 85.1563,
203.8471

■ 3.1353, 1.7212,
17.4161

■ 125.3293,
110.5685, 249.6834

■ 1.2257, 0.4373,
10.3665

157.2721,
140.5915, 301.9220

■ 0.1265, 0.0000,
5.5339

194.2276,

■ 0.0000, 0.0000,

175.6098, 360.9815

2.4996

236.5613,
216.0076, 427.2804

■ 0.0000, 0.0000,
0.8399

■ 0.0000, 0.0000,
0.0000

■ 28.0195, 21.9279,
76.1545

■ 28.0195, 21.9279,
76.1545

■ 23.0395, 15.9669,
75.2668

■ 34.3212, 29.5250,
77.2892

■ 19.2843, 11.5197,
74.6064

■ 42.0266, 38.8642,
78.6857

■ 16.6486, 8.4504,
74.1529

■ 51.2144, 50.0450,
80.3596

■ 15.0075, 6.5978,
73.8818

■ 61.9565, 63.1587,
82.3246

■ 14.1814, 5.7092,
73.7538

■ 74.3204, 78.2908,
84.5938

■ 14.1569, 5.6804,
73.7495

■ 88.3693, 95.5215,
87.1792

■ 91.0037, 98.3815,
87.5924

Harmonies

Analogous

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



20.5544, 21.9279, 86.9246



28.0195, 21.9279, 76.1545



34.6098, 21.9279, 49.9753

Triad

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



28.0195, 21.9279, 76.1545



28.6330, 21.9279, 3.7497



10.0685, 21.9279, 23.0585

Complementary

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



28.0195, 21.9279, 76.1545



60.9617, 72.2542, 26.9536

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.



11.3163, 21.9279, 8.9419



28.0195, 21.9279, 76.1545



21.1318, 21.9279, 2.3487

Square

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



28.0195, 21.9279, 76.1545



35.0162, 21.9279, 9.7068



15.0083, 21.9279, 3.5141



11.1252, 21.9279, 47.6685

Rectangle

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



28.0195, 21.9279, 76.1545



37.0395, 21.9279, 32.2013



15.0083, 21.9279, 3.5141



10.2261, 21.9279, 17.1252

Sweetspot

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



28.0204, 21.9286, 76.1551



71.9463, 71.7432, 104.6636



47.2887, 61.6755, 82.8114



14.7858, 14.6071, 22.2901



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.



28.0204, 21.9286, 76.1551



29.8072, 20.7122, 97.0346



38.3005, 27.2282, 76.6362



13.6533, 13.9235, 18.1122



8.2049, 3.2957, 42.5869



0.6315, 0.2565, 3.1482

Inverse Universe

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



51.3105, 34.0298, 72.9696



63.0355, 37.9876, 92.0117



46.5329, 64.8159, 26.2784



14.9603, 14.6013, 17.9914



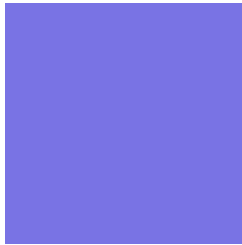
25.6381, 12.3895, 38.5847



1.9048, 0.9196, 2.9050

Previews

White Background



This preview shows how the XYZ color 28.0195, 21.9279, 76.1545 looks on a white background.

Color Contrast Check

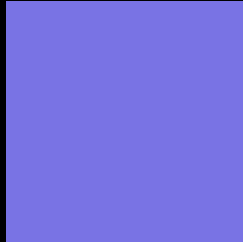
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0195, 21.9279, 76.1545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

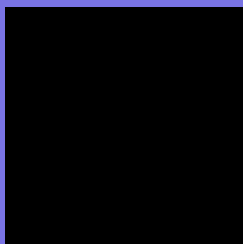
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0195, 21.9279, 76.1545

Background



This preview shows how black text looks on a background with the XYZ color 28.0195, 21.9279, 76.1545.



This preview shows how white text looks on a background with the XYZ color 28.0195, 21.9279,

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

28.0195, 21.9279, 76.1545

Protanopia

25.2920, 22.1424, 83.8298

Deuteranopia

22.7526, 22.0252, 73.5731



Tritanopia

18.8893, 21.9999, 30.4450

Trichromacy



Original Color

28.0195, 21.9279, 76.1545

Protanomaly

25.8085, 21.7391, 80.6777

Deuteranomaly

23.9047, 21.6400, 74.1512

Tritanomaly

21.4995, 21.6371, 44.1175

Monochromacy



Original Color

28.0195, 21.9279, 76.1545

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.9689, 21.9324, 39.0992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0195, 21.9279, 76.1545 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(121, 115, 228)` looks like.

```
.text, #text, p{  
    color:rgb(121, 115, 228)  
}
```

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(121, 115, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 115, 228) }
```

Border

The CSS property to change the border of an element to XYZ 28.0195, 21.9279, 76.1545 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(121, 115, 228) }
```


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

```
.border{ border-color:rgb(121, 115, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 115, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 115, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 115, 228);  
box-shadow:4px 4px 4px 4px rgb(121, 115,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0195, 21.9279, 76.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 115, 228) }
```

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

```
.background{ background-color: rgb(121,  
115, 228) }
```

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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