

Converting Colors

XYZ(28.2218, 17.6442, 96.5260)

Have a look what the booklet for
XYZ(28.2218, 17.6442, 96.5260)
contains.

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Color

**XYZ(28.2218, 17.6442,
96.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	7058FF
RGB	112, 88, 255
RGB Percent	44%, 35%, 100%
CMY	0.5608, 0.6549, 0.0000
CMYK	0.56, 0.65, 0.00, 0.00
HSL	249°, 100%, 67%
HSV	249°, 65%, 100%
XYZ	28.2218, 17.6442, 96.5260
YIQ	114.2140, -39.3030, 57.0250

Conversions

Conversions Part 2

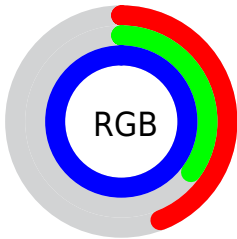
Format	Color
R _Y B	112, 88, 255
Decimal	7362815
CIE Lab	49.06, 53.13, -79.95
CIE LCh	49, 95.997, 303.605
Yxy	17.6442, 0.1982, 0.1239
Android (android.graphics.Color)	4285552895 (0xFF7058FF)
YUV	114.2140, 69.4075, -1.9417
Hunter-Lab	42.0050, 46.4196, -106.8428

Details

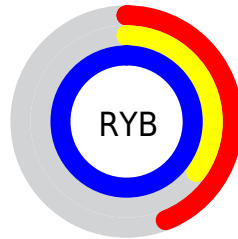
The XYZ color **28.2218, 17.6442, 96.5260** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **70.4742, 89.2124, 22.7378**, and the grayscale version is **15.8660, 16.6922, 18.1779**.

A 20% lighter version of the original color is **45.1073, 35.0901, 99.0034**, and **11.4967, 5.8396, 53.3445** is the 20% darker color. If you saturate the color by 10%, you get **24.0332, 12.9022, 95.8314**, and if you desaturate by 10%, it is **33.8173, 24.1974, 97.4959**.

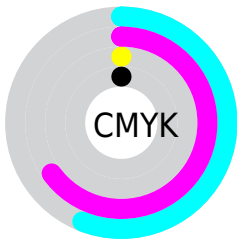
Distribution



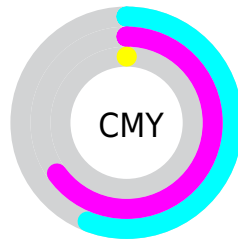
- Red (44%)
- Green (35%)
- Blue (100%)



- Red (44%)
- Yellow (35%)
- Blue (100%)



- Cyan (56%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2218, 17.6442, 96.5260 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 28.2218, 17.6442, 96.5260 by changing the saturation by 10% instead.

 28.2218, 17.6442,
96.5260


 28.2218, 17.6442,
96.5260

285.5861,
238.8579, 570.1475

 18.6342, 10.6948,
72.8018


 56.2445, 39.4301,
158.3848

 11.5087, 5.8620,
53.3231


 75.4104, 55.0355,
197.3566


 6.4799, 2.7614,
37.6713


 98.4998, 74.2949,
242.2479

 3.1824, 1.0085,
25.4278

 125.8779, 97.5929,
293.4774

 1.2510, 0.0000,
16.1742

 157.9103,
125.3138, 351.4635

 0.1460, 0.0000,
9.4918

194.9622,

 0.0000, 0.0000,

157.8420, 416.6249

4.9622

237.3991,
195.5619, 489.3801

■ 0.0000, 0.0000,
2.1667

■ 0.0000, 0.0000,
0.6551

■ 28.2218, 17.6442,
96.5260

■ 28.2218, 17.6442,
96.5260

■ 24.0332, 12.9022,
95.8314

■ 33.8173, 24.1974,
97.4959

■ 21.1191, 9.7843,
95.3832

■ 40.9302, 32.7208,
98.7662

■ 19.3250, 8.0636,
95.1456

■ 49.6629, 43.3573,
100.3590

■ 18.8007, 7.6070,
95.0851

■ 60.1080, 56.2361,
102.2944

■ 72.3510, 71.4760,
104.5907

■ 86.4717, 89.1875,
107.2651

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



17.8766, 17.6442, 122.4466



28.2218, 17.6442, 96.5260



37.4103, 17.6442, 50.5377

Triad

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



28.2218, 17.6442, 96.5260



25.6506, 17.6442, 0.0000



4.7857, 17.6442, 22.4826

Complementary

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



28.2218, 17.6442, 96.5260



70.4742, 89.2124, 22.7378

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.



5.5905, 17.6442, 4.5689



28.2218, 17.6442, 96.5260



15.7106, 17.6442, 0.0000

Square

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



28.2218, 17.6442, 96.5260



35.5919, 17.6442, 2.8017



8.9304, 17.6442, 0.3241



6.1274, 17.6442, 61.4801

Rectangle

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



28.2218, 17.6442, 96.5260



40.3672, 17.6442, 25.2455



8.9304, 17.6442, 0.3241



4.8175, 17.6442, 14.2249

Sweetspot

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



28.2227, 17.6446, 96.5260



66.6019, 64.3036, 103.5093



51.1380, 67.4217, 104.9262



13.5293, 12.8603, 22.0192



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.



28.2227, 17.6446, 96.5260



22.8724, 11.6334, 95.6477



43.7280, 25.6379, 97.2516



17.2459, 17.5030, 22.7194



9.8967, 4.0124, 49.6874



1.0330, 0.4265, 4.8411

Inverse Universe

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



59.1525, 34.0086, 79.0428



56.2714, 29.3499, 74.6801



49.9585, 78.6361, 21.7777



18.6738, 18.2528, 22.1652



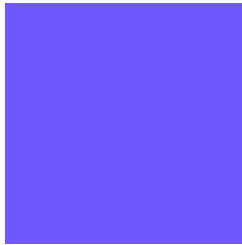
28.2277, 13.7804, 36.1792



2.7778, 1.3535, 3.6774

Previews

White Background



This preview shows how the XYZ color 28.2218, 17.6442, 96.5260 looks on a white background.

Color Contrast Check

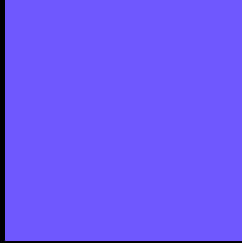
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.2218, 17.6442, 96.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

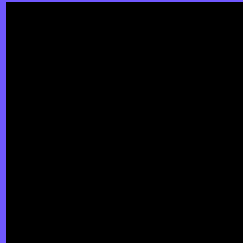
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2218, 17.6442, 96.5260

Background



This preview shows how black text looks on a background with the XYZ color 28.2218, 17.6442, 96.5260.



This preview shows how white text looks on a background with the XYZ color 28.2218, 17.6442,

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

28.2218, 17.6442, 96.5260

Protanopia

21.0802, 17.7028, 82.4267

Deuteranopia

17.4959, 17.5533, 59.5927



Tritanopia

14.0215, 17.6098, 25.5817

Trichromacy



Original Color

28.2218, 17.6442, 96.5260



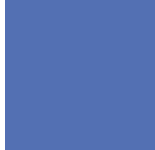
Protanomaly

22.0938, 16.7036, 87.6476



Deuteranomaly

19.5963, 16.5243, 71.9687



Tritanomaly

17.4981, 16.6820, 44.9455

Monochromacy



Original Color

28.2218, 17.6442, 96.5260



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

18.6532, 16.3305, 37.7663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2218, 17.6442, 96.5260 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(112, 88, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 88, 255)  
}
```

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(112, 88, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 88, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.2218, 17.6442, 96.5260 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(112, 88, 255) }
```


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

```
.border{ border-color:rgb(112, 88, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 88, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 88, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 88, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 88,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2218, 17.6442, 96.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 88, 255) }
```

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

```
.background{ background-color: rgb(112, 88,  
255) }
```

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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