

Converting Colors

XYZ(28.3402, 17.8533, 95.5820)

Have a look what the booklet for
XYZ(28.3402, 17.8533, 95.5820)
contains.

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Color

**XYZ(28.4012, 17.8779,
95.7198)**

Conversions

Conversions Part 1

Format	Color
Hex	7259FE
RGB	114, 89, 254
RGB Percent	45%, 35%, 100%
CMY	0.5529, 0.6510, 0.0039
CMYK	0.55, 0.65, 0.00, 0.00
HSL	249°, 99%, 67%
HSV	249°, 65%, 100%
XYZ	28.4012, 17.8779, 95.7198
YIQ	115.2850, -38.0650, 56.6150

Conversions

Conversions Part 2

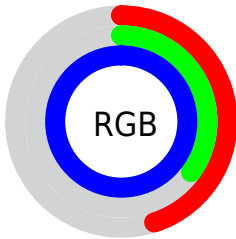
Format	Color
R_{YB}	114, 89, 254
Decimal	7494142
CIE _{Lab}	49.35, 52.60, -78.92
CIE _{LCh}	49, 94.847, 303.684
Yxy	17.8779, 0.2000, 0.1259
Android (android.graphics.Color)	4285684222 (0xFF7259FE)
YUV	115.2850, 68.3865, -1.1269
Hunter-Lab	42.2823, 45.9053, -104.6248

Details

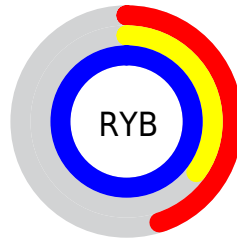
The XYZ color **28.4012, 17.8779, 95.7198** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **69.5561, 88.2621, 22.8214**, and the grayscale version is **16.1902, 17.0333, 18.5493**.

A 20% lighter version of the original color is **45.4794, 35.4999, 99.0629**, and **11.5977, 5.9542, 52.7626** is the 20% darker color. If you saturate the color by 10%, you get **24.1598, 13.0765, 95.0170**, and if you desaturate by 10%, it is **34.0336, 24.4781, 96.6974**.

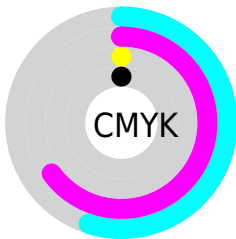
Distribution



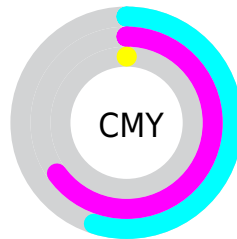
- Red (45%)
- Green (35%)
- Blue (100%)



- Red (45%)
- Yellow (35%)
- Blue (100%)



- Cyan (55%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4012, 17.8779, 95.7198 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 28.4012, 17.8779, 95.7198 by changing the saturation by 10% instead.

■ 28.4012, 17.8779,
95.7198

■ 28.4012, 17.8779,
95.7198

286.4245,
240.1819, 567.5099

■ 18.7703, 10.8624,
72.1340

■ 56.5285, 39.8292,
157.2628

■ 11.6074, 5.9744,
52.7807

■ 75.7557, 55.5337,
196.0571

■ 6.5473, 2.8295,
37.2412

■ 98.9122, 74.9033,
240.7579

■ 3.2244, 1.0434,
25.0970

■ 126.3636, 98.3224,
291.7839

■ 1.2735, 0.0000,
15.9297

■ 158.4752,
126.1755, 349.5536

■ 0.1633, 0.0000,
9.3206

195.6123,

■ 0.0000, 0.0000,

158.8468, 414.4854

4.8512

238.1403,
196.7208, 486.9980

■ 0.0000, 0.0000,
2.1030

■ 0.0000, 0.0000,
0.6176

■ 28.4012, 17.8779,
95.7198

■ 28.4012, 17.8779,
95.7198

■ 24.1598, 13.0765,
95.0170

■ 34.0336, 24.4781,
96.6974

■ 21.1806, 9.8909,
94.5592

■ 41.1640, 33.0325,
97.9727

■ 19.3147, 8.1004,
94.3119

■ 49.8922, 43.6813,
99.5681

■ 18.7072, 7.5773,
94.2430

■ 60.3084, 56.5513,
101.5033

■ 72.4959, 71.7591,
103.7963

■ 86.5325, 89.4134,
106.4641

94.8895, 99.9358,
108.0547

Harmonies

Analogous

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



18.1193, 17.8779, 121.2808



28.4012, 17.8779, 95.7198



37.4904, 17.8779, 50.4059

Triad

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



28.4012, 17.8779, 95.7198



25.7949, 17.8779, 0.0045



4.9738, 17.8779, 22.7985

Complementary

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



28.4012, 17.8779, 95.7198



69.5561, 88.2621, 22.8214

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.



5.7827, 17.8779, 4.7935



28.4012, 17.8779, 95.7198



15.9132, 17.8779, 0.0000

Square

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



28.4012, 17.8779, 95.7198



35.6522, 17.8779, 2.9495



9.1395, 17.8779, 0.4306



6.3372, 17.8779, 61.4418

Rectangle

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



28.4012, 17.8779, 95.7198



40.4011, 17.8779, 25.3909



9.1395, 17.8779, 0.4306



5.0042, 17.8779, 14.5429

Sweetspot

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



28.4022, 17.8784, 95.7203



67.9543, 65.9079, 103.7477



50.0979, 65.4569, 103.7604



13.7975, 13.1746, 22.0657



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.



28.4022, 17.8784, 95.7203



23.3294, 12.0481, 95.7037



44.2919, 26.0699, 96.4639



17.2592, 17.5098, 22.7200



9.9378, 4.0336, 49.6894



1.0393, 0.4297, 4.8414

Inverse Universe

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



58.5875, 33.8724, 77.5740



56.2299, 29.5264, 73.8661



49.2330, 77.7852, 21.8703



18.6674, 18.2503, 22.1315



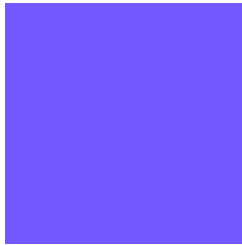
28.0939, 13.7269, 35.4747



2.7661, 1.3488, 3.6155

Previews

White Background



This preview shows how the XYZ color 28.4012, 17.8779, 95.7198 looks on a white background.

Color Contrast Check

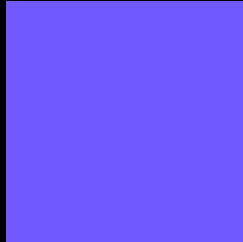
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4012, 17.8779, 95.7198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

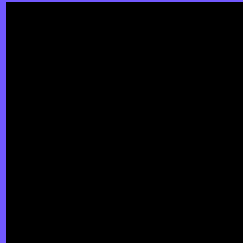
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4012, 17.8779, 95.7198

Background



This preview shows how black text looks on a background with the XYZ color 28.4012, 17.8779, 95.7198.

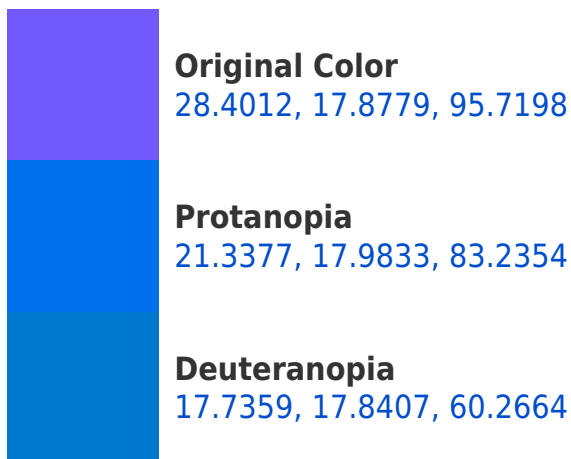


This preview shows how white text looks on a background with the XYZ color 28.4012, 17.8779,

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





Tritanopia

14.3053, 17.7561, 25.5950

Trichromacy



Original Color

28.4012, 17.8779, 95.7198

Protanomaly

22.1939, 16.9037, 87.6809

Deuteranomaly

19.7024, 16.7364, 72.0041

Tritanomaly

17.7605, 16.8289, 44.4317

Monochromacy



Original Color

28.4012, 17.8779, 95.7198

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

19.1072, 16.7061, 38.2939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4012, 17.8779, 95.7198 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(114, 89, 254)` looks like.

```
.text, #text, p{  
    color:rgb(114, 89, 254)  
}
```

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(114, 89, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 89, 254) }
```

Border

The CSS property to change the border of an element to XYZ 28.4012, 17.8779, 95.7198 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(114, 89, 254) }
```


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

```
.border{ border-color:rgb(114, 89, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 89, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 89, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 89, 254);  
box-shadow:4px 4px 4px 4px rgb(114, 89,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4012, 17.8779, 95.7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 89, 254) }
```

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

```
.background{ background-color: rgb(114, 89,  
254) }
```

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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