

Converting Colors

XYZ(28.7334, 14.4848, 95.8892)

Have a look what the booklet for
XYZ(28.7334, 14.4848, 95.8892)
contains.

XYZ(28.7495, 14.4932, 95.8899)	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(28.7495, 14.4932,
95.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	8433FF
RGB	132, 51, 255
RGB Percent	52%, 20%, 100%
CMY	0.4823, 0.8000, 0.0000
CMYK	0.48, 0.80, 0.00, 0.00
HSL	264°, 100%, 60%
HSV	264°, 80%, 100%
XYZ	28.7495, 14.4932, 95.8899
YIQ	98.4750, -17.2080, 80.6160

Conversions

Conversions Part 2

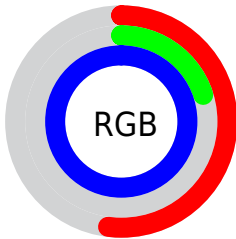
Format	Color
R _Y B	132, 51, 255
Decimal	8664063
CIE Lab	44.93, 73.00, -86.65
CIE LCh	45, 113.299, 310.112
Yxy	14.4932, 0.2066, 0.1042
Android (android.graphics.Color)	4286854143 (0xFF8433FF)
YUV	98.4750, 77.1668, 29.4014
Hunter-Lab	38.0699, 68.1765, -122.6897

Details

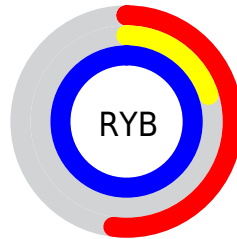
The XYZ color **28.7495, 14.4932, 95.8899** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **53.8118, 80.7570, 15.8834**, and the grayscale version is **11.5450, 12.1462, 13.2273**.

A 20% lighter version of the original color is **45.6607, 29.4145, 97.8787**, and **12.1924, 5.1212, 53.1692** is the 20% darker color. If you saturate the color by 10%, you get **25.6950, 11.6932, 95.5105**, and if you desaturate by 10%, it is **32.7698, 18.6961, 96.4893**.

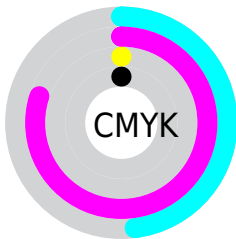
Distribution



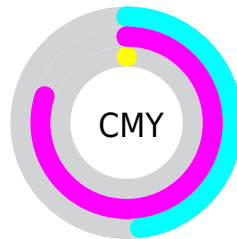
- Red (52%)
- Green (20%)
- Blue (100%)



- Red (52%)
- Yellow (20%)
- Blue (100%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (48%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7495, 14.4932, 95.8899 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 28.7495, 14.4932, 95.8899 by changing the saturation by 10% instead.


 28.7495, 14.4932,
95.8899


 28.7495, 14.4932,
95.8899

288.0468,
220.2778, 568.0669


 19.0347, 8.4645,
72.2749


 57.0792, 33.9616,
157.4996


 11.7995, 4.3936,
52.8951


 76.4248, 48.1701,
196.3314

 6.6785, 1.8961,
37.3318


 99.7114, 65.8740,
241.0725

 3.3064, 0.5460,
25.1667

 127.3043, 87.4576,
292.1415

 1.3178, 0.0000,
15.9812

 159.5690,
113.3054, 349.9569

 0.1965, 0.0000,
9.3566

 196.8707,

 0.0000, 0.0000,

143.8018, 414.9372

4.8745

239.5749,
179.3311, 487.5011

■ 0.0000, 0.0000,
2.1164

■ 0.0000, 0.0000,
0.6255

■ 28.7495, 14.4932,
95.8899

■ 28.7495, 14.4932,
95.8899

■ 25.6950, 11.6932,
95.5105

■ 32.7698, 18.6961,
96.4893

■ 23.4457, 10.0016,
95.3025

■ 37.8552, 24.4832,
97.3383

■ 44.0935, 32.0082,
98.4620

■ 51.5617, 41.4058,
99.8823

60.3295, 52.7972,
101.6189

70.4610, 66.2928,
103.6898

82.0157, 81.9951,
106.1117

95.0496, 99.9994,
108.8999

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.



17.1484, 14.4932, 138.2975



28.7495, 14.4932, 95.8899



38.2599, 14.4932, 40.3010

Triad

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



28.7495, 14.4932, 95.8899



20.7736, 14.4932, 0.0000



2.6231, 14.4932, 26.5492

Complementary

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



28.7495, 14.4932, 95.8899



53.8118, 80.7570, 15.8834

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.



2.8921, 14.4932, 4.0048



28.7495, 14.4932, 95.8899



10.8764, 14.4932, 0.0000

Square

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



28.7495, 14.4932, 95.8899



32.4027, 14.4932, 0.3127



5.1860, 14.4932, 0.0000



4.1446, 14.4932, 76.8265

Rectangle

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



28.7495, 14.4932, 95.8899



40.3994, 14.4932, 15.6812



5.1860, 14.4932, 0.0000



2.5325, 14.4932, 15.8805

Sweetspot

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



28.7503, 14.4935, 95.8900



66.2412, 60.6357, 102.8203



35.0978, 39.2890, 100.3414



13.4141, 11.9624, 21.8519



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.



28.7503, 14.4935, 95.8900



24.2731, 10.5925, 95.3730



52.2534, 26.6098, 96.9899



17.6855, 17.7296, 22.7400



12.4075, 5.3068, 49.8049



1.3270, 0.5780, 4.8549

Inverse Universe

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



50.0632, 26.6833, 42.5531



47.5045, 23.9429, 34.3722



39.2435, 73.2468, 15.2016



18.4693, 18.1710, 21.0886



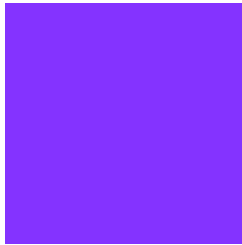
24.6610, 12.3537, 17.3972



2.4551, 1.2244, 1.9777

Previews

White Background



This preview shows how the XYZ color 28.7495, 14.4932, 95.8899 looks on a white background.

Color Contrast Check

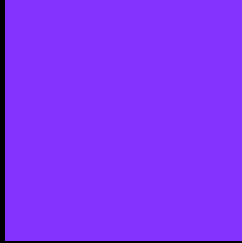
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7495, 14.4932, 95.8899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

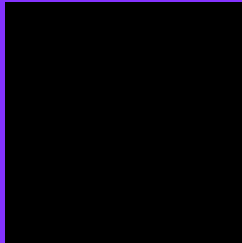
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.7495, 14.4932, 95.8899

Background



This preview shows how black text looks on a background with the XYZ color 28.7495, 14.4932, 95.8899.



This preview shows how white text looks on a background with the XYZ color 28.7495, 14.4932,

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

28.7495, 14.4932, 95.8899

Protanopia

17.0171, 14.4090, 66.1743

Deuteranopia

14.2256, 14.4401, 47.9364



Tritanopia

13.2343, 14.4190, 18.6086

Trichromacy



Original Color

28.7495, 14.4932, 95.8899



Protanomaly

18.5951, 12.5281, 76.3010



Deuteranomaly

16.3415, 12.2610, 62.4781



Tritanomaly

16.5676, 12.7946, 38.1556

Monochromacy



Original Color

28.7495, 14.4932, 95.8899



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

15.2892, 11.5664, 32.4371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7495, 14.4932, 95.8899 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(132, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(132, 51, 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(132, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 51, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.7495, 14.4932, 95.8899 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(132, 51, 255) }
```


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

```
.border{ border-color:rgb(132, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 51, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 51, 255); box-shadow:4px 4px 4px 4px rgb(132, 51, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7495, 14.4932, 95.8899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 51, 255) }
```

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

```
.background{ background-color: rgb(132, 51,  
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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