

Converting Colors

XYZ(28.4192, 13.3790, 95.6923)

Have a look what the booklet for
XYZ(28.4192, 13.3790, 95.6923)
contains.

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Color

**XYZ(28.4254, 13.3760,
95.6914)**

Conversions

Conversions Part 1

Format	Color
Hex	8621FF
RGB	134, 33, 255
RGB Percent	53%, 13%, 100%
CMY	0.4745, 0.8706, 0.0000
CMYK	0.47, 0.87, 0.00, 0.00
HSL	267°, 100%, 56%
HSV	267°, 87%, 100%
XYZ	28.4254, 13.3760, 95.6914
YIQ	88.5070, -11.0660, 90.4540

Conversions

Conversions Part 2

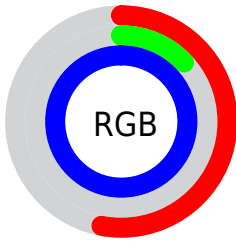
Format	Color
R_{YB}	134, 33, 255
Decimal	8790527
CIE _{Lab}	43.32, 78.66, -89.29
CIE _{LCh}	43, 118.996, 311.379
Yxy	13.3760, 0.2067, 0.0973
Android (android.graphics.Color)	4286980607 (0xFF8621FF)
YUV	88.5070, 82.0810, 39.8974
Hunter-Lab	36.5732, 74.7305, -129.5271

Details

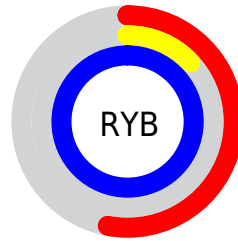
The XYZ color **28.4254, 13.3760, 95.6914** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **49.3590, 78.4988, 13.9888**, and the grayscale version is **9.2145, 9.6944, 10.5572**.

A 20% lighter version of the original color is **45.2588, 27.4561, 97.5219**, and **12.2580, 5.1550, 53.1723** is the 20% darker color. If you saturate the color by 10%, you get **25.8921, 11.3835, 95.4403**, and if you desaturate by 10%, it is **31.7835, 16.5833, 96.1335**.

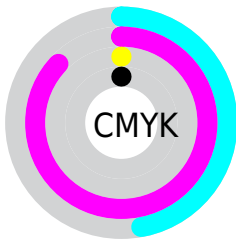
Distribution



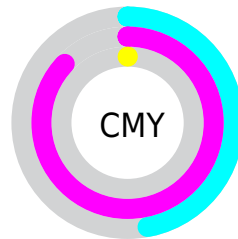
- Red (53%)
- Green (13%)
- Blue (100%)



- Red (53%)
- Yellow (13%)
- Blue (100%)



- Cyan (47%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)





- Cyan (47%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4254, 13.3760, 95.6914 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 28.4254, 13.3760, 95.6914 by changing the saturation by 10% instead.

 28.4254, 13.3760,
95.6914


 28.4254, 13.3760,
95.6914


286.5374,
213.3135, 567.4168


 18.7887, 7.6880,
72.1105


 56.5668, 31.9776,
157.2232


 11.6208, 3.8959,
52.7616


 75.8022, 45.6601,
196.0113


 6.5564, 1.6155,
37.2260


 98.9678, 62.7760,
240.7054

 3.2301, 0.3680,
25.0854

 126.4291, 83.7100,
291.7242

 1.2766, 0.0000,
15.9211

 158.5513,
108.8464, 349.4862

 0.1656, 0.0000,
9.3146

 195.6999,

 0.0000, 0.0000,

138.5695, 414.4100

4.8473

238.2402,
173.2637, 486.9140

■ 0.0000, 0.0000,
2.1008

■ 0.0000, 0.0000,
0.6162

■ 28.4254, 13.3760,
95.6914

■ 28.4254, 13.3760,
95.6914

■ 25.8921, 11.3835,
95.4403

■ 31.7835, 16.5833,
96.1335

■ 25.2555, 10.9346,
95.3872

■ 36.0800, 21.2206,
96.8021

■ 41.4082, 27.4584,
97.7253

■ 47.8480, 35.4421,
98.9269

■ 55.4704, 45.2999,
100.4279

■ 64.3400, 57.1479,
102.2473

■ 74.5163, 71.0925,
104.4025

■ 86.0546, 87.2322,
106.9097

■ 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.



16.5466, 13.3760, 142.8398



28.4254, 13.3760, 95.6914



38.0411, 13.3760, 37.5716

Triad

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



28.4254, 13.3760, 95.6914



19.2648, 13.3760, 0.0000



2.0443, 13.3760, 27.0710

Complementary

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



28.4254, 13.3760, 95.6914



49.3590, 78.4988, 13.9888

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.



2.2208, 13.3760, 3.6160



28.4254, 13.3760, 95.6914



9.5234, 13.3760, 0.0000

Square

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



28.4254, 13.3760, 95.6914



31.2233, 13.3760, 0.0000



4.2199, 13.3760, 0.0000



3.5046, 13.3760, 80.6309

Rectangle

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



28.4254, 13.3760, 95.6914



39.9923, 13.3760, 13.3750



4.2199, 13.3760, 0.0000



1.9444, 13.3760, 15.8218

Sweetspot

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



28.4262, 13.3763, 95.6914



65.3562, 58.5255, 102.4597



30.4147, 31.0186, 98.9919



13.2900, 11.5824, 21.7851



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.



28.4262, 13.3763, 95.6914



25.2555, 10.9346, 95.3872



55.8672, 27.5227, 96.9756



17.7881, 17.7825, 22.7448



13.3636, 5.7997, 49.8497



1.4252, 0.6286, 4.8595

Inverse Universe

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



47.6156, 24.6802, 32.8216



45.8985, 23.1234, 26.4615



37.0773, 72.1674, 13.4141



18.4235, 18.1527, 20.8475



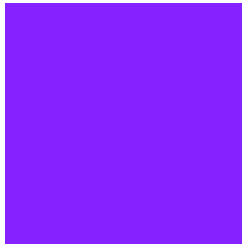
24.0593, 12.1130, 14.2288



2.3977, 1.2015, 1.6758

Previews

White Background



This preview shows how the XYZ color 28.4254, 13.3760, 95.6914 looks on a white background.

Color Contrast Check

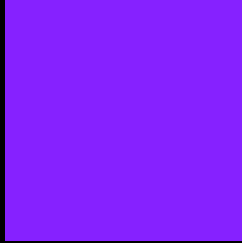
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4254, 13.3760, 95.6914 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 28.4254, 13.3760, 95.6914

Background



This preview shows how black text looks on a background with the XYZ color 28.4254, 13.3760, 95.6914.



This preview shows how white text looks on a background with the XYZ color 28.4254, 13.3760,

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

28.4254, 13.3760, 95.6914

Protanopia

15.8470, 13.4777, 61.4407

Deuteranopia

13.0875, 13.3175, 44.0002



Tritanopia

12.5434, 13.3350, 16.9517

Trichromacy



Original Color

28.4254, 13.3760, 95.6914



Protanomaly

17.3733, 11.1214, 72.4651



Deuteranomaly

15.2032, 10.7012, 59.6568



Tritanomaly

15.7657, 11.4081, 36.0214

Monochromacy



Original Color

28.4254, 13.3760, 95.6914



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

13.3786, 9.4294, 29.5487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4254, 13.3760, 95.6914 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(134, 33, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 33, 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(134, 33, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 33, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.4254, 13.3760, 95.6914 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(134, 33, 255) }
```


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

```
.border{ border-color:rgb(134, 33, 255) }
```

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

Here you see how a box with a 4 pixel rgb(134, 33, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 33, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 33, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 33,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4254, 13.3760, 95.6914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 33, 255) }
```

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

```
.background{ background-color: rgb(134, 33,  
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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