

Converting Colors

XYZ(27.5555, 14.3922, 95.9334)

Have a look what the booklet for
XYZ(27.5555, 14.3922, 95.9334)
contains.

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Color

**XYZ(27.5891, 14.3837,
95.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	7A3AFF
RGB	122, 58, 255
RGB Percent	48%, 23%, 100%
CMY	0.5215, 0.7726, 0.0000
CMYK	0.52, 0.77, 0.00, 0.00
HSL	259°, 100%, 61%
HSV	259°, 77%, 100%
XYZ	27.5891, 14.3837, 95.9300
YIQ	99.5940, -25.0930, 74.8350

Conversions

Conversions Part 2

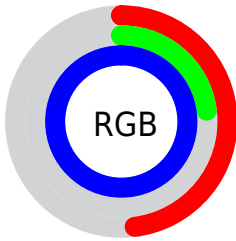
Format	Color
R _{YB}	122, 58, 255
Decimal	8010495
CIE _{Lab}	44.78, 69.08, -86.94
CIE _{LCh}	45, 111.046, 308.470
Y _{xy}	14.3837, 0.2001, 0.1043
Android (android.graphics.Color)	4286200575 (0xFF7A3AFF)
Y _{UV}	99.5940, 76.6152, 19.6501
Hunter-Lab	37.9258, 63.4793, -123.4206

Details

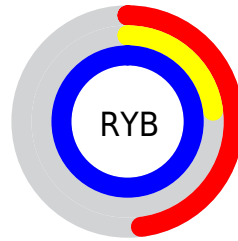
The XYZ color **27.5891, 14.3837, 95.9300** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **58.0077, 82.9009, 16.9470**, and the grayscale version is **11.8271, 12.4431, 13.5505**.

A 20% lighter version of the original color is **43.9627, 29.3445, 97.9547**, and **11.3447, 4.6842, 53.1295** is the 20% darker color. If you saturate the color by 10%, you get **24.3813, 11.2707, 95.4982**, and if you desaturate by 10%, it is **31.8660, 18.9911, 96.5939**.

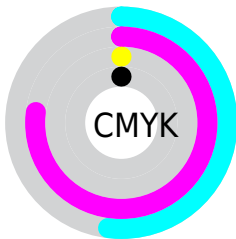
Distribution



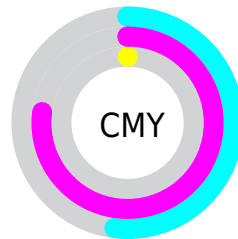
- Red (48%)
- Green (23%)
- Blue (100%)



- Red (48%)
- Yellow (23%)
- Blue (100%)



- Cyan (52%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5891, 14.3837, 95.9300 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 27.5891, 14.3837, 95.9300 by changing the saturation by 10% instead.


 27.5891, 14.3837,
95.9300


 27.5891, 14.3837,
95.9300

282.6141,
219.6050, 568.1982


 18.1550, 8.3880,
72.3081


 55.2410, 33.7683,
157.5554


 11.1617, 4.3442,
52.9220


 74.1895, 47.9260,
196.3960


 6.2438, 1.8679,
37.3532


 97.0402, 65.5732,
241.1466

 3.0359, 0.5290,
25.1832

 124.1585, 87.0943,
292.2257

 1.1728, 0.0000,
15.9933

 155.9096,
112.8736, 350.0519

 0.0847, 0.0000,
9.3651

192.6590,

 0.0000, 0.0000,

143.2955, 415.0437

4.8800

234.7721,
178.7445, 487.6196

■ 0.0000, 0.0000,
2.1195

■ 0.0000, 0.0000,
0.6274

■ 27.5891, 14.3837,
95.9300

■ 27.5891, 14.3837,
95.9300

■ 24.3813, 11.2707,
95.4982

■ 31.8660, 18.9911,
96.5939

■ 22.1105, 9.4260,
95.2618

■ 37.3133, 25.2685,
97.5184

■ 21.6042, 9.0523,
95.2163

■ 44.0220, 33.3670,
98.7280

■ 52.0726, 43.4201,
100.2441

■ 61.5385, 55.5485,
102.0862

■ 72.4874, 69.8629,
104.2721

■ 84.9825, 86.4661,
106.8183

■ 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.



16.3951, 14.3837, 134.5586



27.5891, 14.3837, 95.9300



37.0579, 14.3837, 41.9609

Triad

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



27.5891, 14.3837, 95.9300



21.0954, 14.3837, 0.0000



2.6777, 14.3837, 24.1989

Complementary

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



27.5891, 14.3837, 95.9300



58.0077, 82.9009, 16.9470

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.



3.0379, 14.3837, 3.5741



27.5891, 14.3837, 95.9300



11.2672, 14.3837, 0.0000

Square

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



27.5891, 14.3837, 95.9300



32.2995, 14.3837, 0.5678



5.4573, 14.3837, 0.0000



4.0775, 14.3837, 71.5418

Rectangle

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



27.5891, 14.3837, 95.9300



39.4540, 14.3837, 17.0289



5.4573, 14.3837, 0.0000



2.6163, 14.3837, 14.3691

Sweetspot

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



27.5899, 14.3840, 95.9300



66.0127, 61.3665, 102.9734



38.7801, 46.0900, 101.4601



13.3127, 12.0723, 21.8785



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.



27.5899, 14.3840, 95.9300



22.9730, 10.0754, 95.3417



48.7412, 25.2879, 96.9199



17.5587, 17.6642, 22.7340



11.4268, 4.8012, 49.7591



1.2215, 0.5236, 4.8500

Inverse Universe

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



52.1561, 28.0472, 51.9506



49.4845, 24.9000, 44.2901



41.1516, 74.2113, 16.1581



18.5269, 18.1941, 21.3917



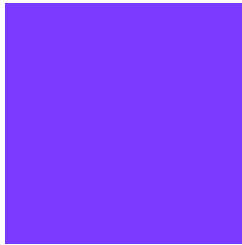
25.5186, 12.6967, 21.9134



2.5349, 1.2563, 2.3980

Previews

White Background



This preview shows how the XYZ color 27.5891, 14.3837, 95.9300 looks on a white background.

Color Contrast Check

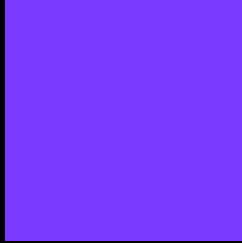
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5891, 14.3837, 95.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

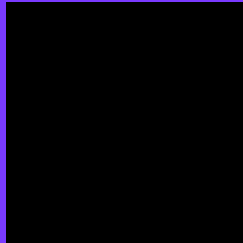
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.5891, 14.3837, 95.9300

Background



This preview shows how black text looks on a background with the XYZ color 27.5891, 14.3837, 95.9300.

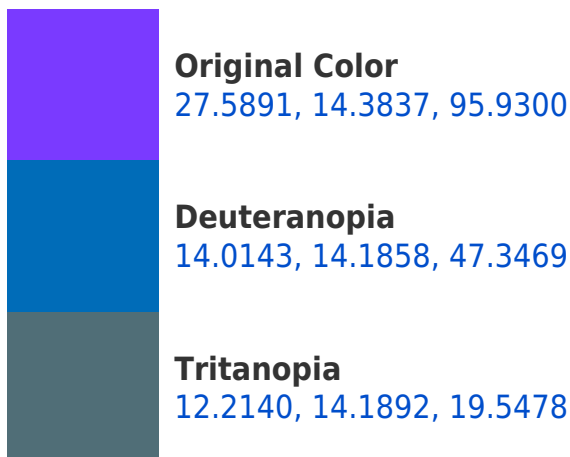


This preview shows how white text looks on a background with the XYZ color 27.5891, 14.3837,

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



Trichromacy



Original Color

27.5891, 14.3837, 95.9300



Deuteranomaly

16.3277, 12.5009, 62.5251



Tritanomaly

15.5283, 12.7422, 38.6869

Monochromacy



Original Color

27.5891, 14.3837, 95.9300



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

15.4336, 12.0854, 32.9718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5891, 14.3837, 95.9300 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(122, 58, 255)` looks like.

```
.text, #text, p{  
  color:rgb(122, 58, 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(122, 58, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 58, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.5891, 14.3837, 95.9300 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(122, 58, 255) }
```

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

```
.border{ border-color:rgb(122, 58, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 58, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 58, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 58, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 58,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 27.5891, 14.3837, 95.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 58, 255) }
```

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

```
.background{ background-color: rgb(122, 58,  
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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