

Converting Colors

XYZ(35.4402, 26.6479, 97.8834)

Have a look what the booklet for
XYZ(35.4402, 26.6479, 97.8834)
contains.

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Color

**XYZ(35.4495, 26.7043,
97.8938)**

Conversions

Conversions Part 1

Format	Color
Hex	897BFF
RGB	137, 123, 255
RGB Percent	54%, 48%, 100%
CMY	0.4627, 0.5176, 0.0000
CMYK	0.46, 0.52, 0.00, 0.00
HSL	246°, 100%, 74%
HSV	246°, 52%, 100%
XYZ	35.4495, 26.7043, 97.8938
YIQ	142.2340, -34.0280, 44.0200

Conversions

Conversions Part 2

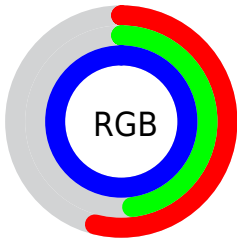
Format	Color
RYB	137, 123, 255
Decimal	9010175
CIELab	58.70, 37.93, -64.24
CIELCh	59, 74.601, 300.559
Yxy	26.7043, 0.2215, 0.1669
Android (android.graphics.Color)	4287200255 (0xFF897BFF)
YUV	142.2340, 55.5936, -4.5902
Hunter-Lab	51.6762, 32.0163, -76.1438

Details

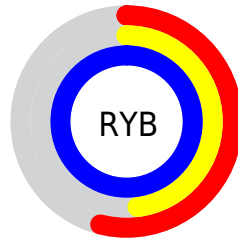
The XYZ color **35.4495, 26.7043, 97.8938** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **75.6096, 91.6502, 32.4446**, and the grayscale version is **25.6012, 26.9345, 29.3317**.

A 20% lighter version of the original color is **56.3403, 50.0064, 101.2905**, and **15.5874, 10.5066, 54.0297** is the 20% darker color. If you saturate the color by 10%, you get **29.3381, 19.4539, 96.8164**, and if you desaturate by 10%, it is **43.1760, 36.0105, 99.2828**.

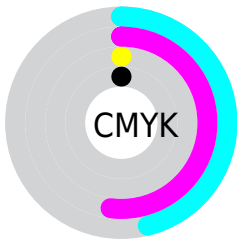
Distribution



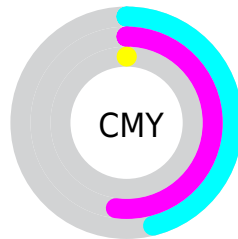
- Red (54%)
- Green (48%)
- Blue (100%)



- Red (54%)
- Yellow (48%)
- Blue (100%)



- Cyan (46%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4495, 26.7043, 97.8938 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 35.4495, 26.7043, 97.8938 by changing the saturation by 10% instead.


 35.4495, 26.7043,
97.8938


 35.4495, 26.7043,
97.8938


318.0213,
286.2225, 574.6076

 24.1775, 17.3513,
73.9357


 67.5110, 54.4090,
160.2863

 15.5908, 10.4853,
54.2449


 89.0311, 73.5295,
199.5578

 9.3240, 5.7219,
38.4030


 114.6980, 96.6745,
244.7708

 5.0119, 2.6767,
25.9914

144.8771,
124.2285, 296.3438

 2.2891, 0.9654,
16.5915

179.9335,
156.5760, 354.6955

 0.7891, 0.0000,
9.7848

220.2329,

 0.0000, 0.0000,

194.1012, 420.2443

5.1528

266.1403,
237.1886, 493.4088

■ 0.0000, 0.0000,
2.2769

■ 0.0000, 0.0000,
0.7182

■ 35.4495, 26.7043,
97.8938

■ 35.4495, 26.7043,
97.8938

■ 29.3381, 19.4539,
96.8164

■ 43.1760, 36.0105,
99.2828

■ 24.7230, 14.1003,
96.0263

■ 52.6185, 47.5104,
101.0049

■ 21.4742, 10.4648,
95.4958

■ 63.8735, 61.3327,
103.0796

■ 19.4371, 8.3332,
95.1918

■ 77.0290, 77.5954,
105.5253

■ 18.5034, 7.4537,
95.0712

■ 92.1677, 96.4087,
108.3587

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.



25.5541, 26.7043, 114.5134



35.4495, 26.7043, 97.8938



44.0541, 26.7043, 61.6531

Triad

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



35.4495, 26.7043, 97.8938



35.0783, 26.7043, 3.5388



11.5118, 26.7043, 29.5722

Complementary

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



35.4495, 26.7043, 97.8938



75.6096, 91.6502, 32.4446

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.



12.9092, 26.7043, 10.6412



35.4495, 26.7043, 97.8938



25.2099, 26.7043, 2.1665

Square

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



35.4495, 26.7043, 97.8938



43.8060, 26.7043, 10.2103



17.4270, 26.7043, 3.6612



13.0192, 26.7043, 63.0730

Rectangle

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



35.4495, 26.7043, 97.8938



47.0655, 26.7043, 38.1767



17.4270, 26.7043, 3.6612



11.6529, 26.7043, 21.5511

Sweetspot

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



35.4506, 26.7051, 97.8939



71.2190, 70.4015, 104.4429



57.9113, 74.8164, 105.9965



14.6665, 14.3554, 22.2478



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.



35.4506, 26.7051, 97.8939



29.2124, 19.3064, 96.7946



49.5446, 33.9709, 98.5535



17.1818, 17.4699, 22.7164



9.7259, 3.9244, 49.6795



1.0030, 0.4110, 4.8397

Inverse Universe

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



64.1998, 41.7770, 87.8962



60.9715, 35.9773, 84.7948



57.1948, 82.1570, 31.5828



18.7047, 18.2652, 22.3282



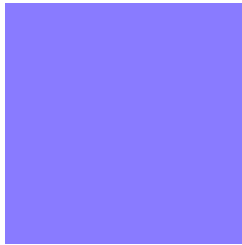
28.8957, 14.0476, 39.6967



2.8363, 1.3769, 3.9854

Previews

White Background



This preview shows how the XYZ color 35.4495, 26.7043, 97.8938 looks on a white background.

Color Contrast Check

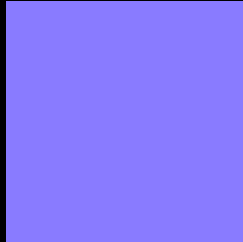
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 35.4495, 26.7043, 97.8938 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 35.4495, 26.7043, 97.8938

Background



This preview shows how black text looks on a background with the XYZ color 35.4495, 26.7043, 97.8938.



This preview shows how white text looks on a background with the XYZ color 35.4495, 26.7043,

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

35.4495, 26.7043, 97.8938

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

27.8771, 26.9591, 94.1768



Tritanopia

23.2473, 26.7501, 36.7389

Trichromacy



Original Color

35.4495, 26.7043, 97.8938

Protanomaly

31.7808, 26.5473, 98.0569

Deuteranomaly

29.1989, 26.0924, 95.5929

Tritanomaly

26.5718, 26.0651, 54.6695

Monochromacy



Original Color

35.4495, 26.7043, 97.8938

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.0264, 26.3223, 48.4033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4495, 26.7043, 97.8938 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(137, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 123, 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(137, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 123, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.4495, 26.7043, 97.8938 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(137, 123, 255) }
```


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

```
.border{ border-color:rgb(137, 123, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 123, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 123,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4495, 26.7043, 97.8938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 123, 255) }
```

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

```
.background{ background-color: rgb(137,  
123, 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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