

Converting Colors

XYZ(32.4494, 28.3027, 77.9316)

Have a look what the booklet for
XYZ(32.4494, 28.3027, 77.9316)
contains.

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Color

**XYZ(32.4486, 28.3738,
77.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	8389E5
RGB	131, 137, 229
RGB Percent	51%, 54%, 90%
CMY	0.4863, 0.4627, 0.1020
CMYK	0.43, 0.40, 0.00, 0.10
HSL	236°, 65%, 71%
HSV	236°, 43%, 90%
XYZ	32.4486, 28.3738, 77.8952
YIQ	145.6940, -33.1080, 27.3400

Conversions

Conversions Part 2

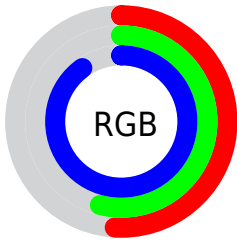
Format	Color
RYB	131, 137, 229
Decimal	8620517
CIELab	60.22, 20.90, -47.45
CIElCh	60, 51.849, 293.769
Yxy	28.3738, 0.2339, 0.2045
Android (android.graphics.Color)	4286810597 (0xFF8389E5)
YUV	145.6940, 41.0699, -12.8866
Hunter-Lab	53.2671, 15.5192, -49.4159

Details

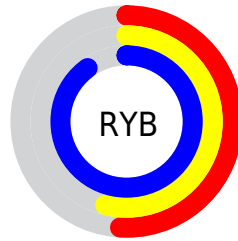
The XYZ color **32.4486, 28.3738, 77.8952** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **62.7987, 71.0737, 31.8830**, and the grayscale version is **27.0446, 28.4530, 30.9853**.

A 20% lighter version of the original color is **57.2025, 54.7383, 102.1584**, and **13.8527, 11.3294, 40.9918** is the 20% darker color. If you saturate the color by 10%, you get **26.5283, 21.2286, 76.8286**, and if you desaturate by 10%, it is **39.7636, 37.1427, 79.2028**.

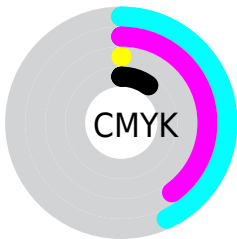
Distribution



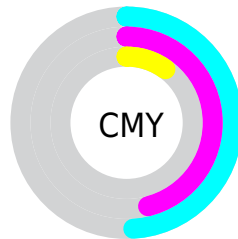
- Red (51%)
- Green (54%)
- Blue (90%)



- Red (51%)
- Yellow (54%)
- Blue (90%)



- Cyan (43%)
- Magenta (40%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (46%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4486, 28.3738, 77.8952 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 32.4486, 28.3738, 77.8952 by changing the saturation by 10% instead.

■ 32.4486, 28.3738,
77.8952

■ 32.4486, 28.3738,
77.8952

304.8668,
294.2488, 507.3293

■ 21.8616, 18.6076,
57.4720

■ 62.8742, 57.0807,
132.1869

■ 13.8713, 11.3871,
40.9724

■ 83.4434, 76.7902,
166.8924

■ 8.1123, 6.3278,
27.9780

■ 108.0708,
100.5829, 207.1958

■ 4.2193, 3.0454,
18.0702

137.1216,
128.8432, 253.5156

■ 1.8269, 1.1555,
10.8304

170.9613,
161.9556, 306.2703

■ 0.5338, 0.0249,
5.8402

209.9551,

■ 0.0000, 0.0000,

200.3044, 365.8784

2.6809

254.4685,
244.2740, 432.7586

■ 0.0000, 0.0000,
0.9338

■ 0.0000, 0.0000,
0.0000

■ 32.4486, 28.3738,
77.8952

■ 32.4486, 28.3738,
77.8952

■ 26.5283, 21.2286,
76.8286

■ 39.7636, 37.1427,
79.2028

■ 21.9110, 15.6044,
75.9864

■ 48.5510, 47.6235,
80.7626

■ 18.4990, 11.3918,
75.3531

■ 58.8864, 59.9016,
82.5878

■ 16.1792, 8.4649,
74.9104

■ 70.8393, 74.0557,
84.6898

■ 14.8173, 6.6758,
74.6369

■ 84.4751, 90.1599,
87.0796

■ 14.3002, 5.9717,
74.5282

■ 91.1430, 98.4372,
88.3258

Harmonies

Analogous

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



25.6062, 28.3738, 83.3636



32.4486, 28.3738, 77.8952



38.6339, 28.3738, 57.9376

Triad

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



32.4486, 28.3738, 77.8952



35.2405, 28.3738, 9.7899



16.1632, 28.3738, 27.0928

Complementary

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



32.4486, 28.3738, 77.8952



62.7987, 71.0737, 31.8830

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.



17.9250, 28.3738, 13.9300



32.4486, 28.3738, 77.8952



28.3782, 28.3738, 6.9370

Square

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



32.4486, 28.3738, 77.8952



40.4220, 28.3738, 18.3759



22.1429, 28.3738, 8.0585



16.8900, 28.3738, 48.0994

Rectangle

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



32.4486, 28.3738, 77.8952



41.1784, 28.3738, 42.2835



22.1429, 28.3738, 8.0585



16.4733, 28.3738, 21.7592

Sweetspot

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



32.4497, 28.3748, 77.8959



74.7514, 75.9722, 105.3320



50.6278, 66.1637, 79.5388



15.3383, 15.4762, 22.4287



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.



32.4497, 28.3748, 77.8959



34.8754, 28.3267, 98.2372



39.5974, 30.8288, 77.9928



13.6533, 14.0280, 18.1324



8.2050, 3.4721, 42.6209



0.6314, 0.3068, 3.1579

Inverse Universe

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



44.9457, 34.6981, 27.9963



52.7947, 37.6055, 26.6337



52.4966, 68.1842, 31.8682



14.4126, 14.3822, 15.1071



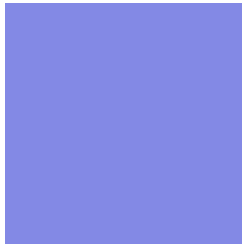
18.5350, 9.5482, 1.1804



1.3823, 0.7106, 0.1540

Previews

White Background



This preview shows how the XYZ color 32.4486, 28.3738, 77.8952 looks on a white background.

Color Contrast Check

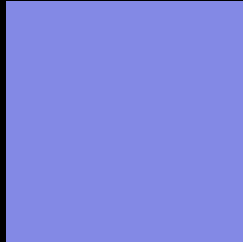
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4486, 28.3738, 77.8952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

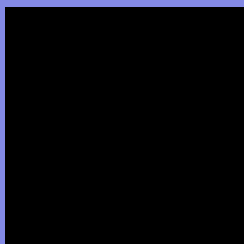
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4486, 28.3738, 77.8952

Background



This preview shows how black text looks on a background with the XYZ color 32.4486, 28.3738, 77.8952.



This preview shows how white text looks on a background with the XYZ color 32.4486, 28.3738,

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

32.4486, 28.3738, 77.8952

Protanopia

30.6877, 28.4804, 80.9706

Deuteranopia

29.3574, 28.5636, 76.6391



Tritanopia

24.6169, 28.3550, 38.8259

Trichromacy



Original Color

32.4486, 28.3738, 77.8952

Protanomaly

31.2797, 28.3643, 80.1702

Deuteranomaly

30.3587, 28.3922, 77.2790

Tritanomaly

26.9943, 28.1387, 51.0223

Monochromacy



Original Color

32.4486, 28.3738, 77.8952

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.6434, 28.4422, 45.0545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4486, 28.3738, 77.8952 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(131, 137, 229)` looks like.

```
.text, #text, p{  
    color:rgb(131, 137, 229)  
}
```

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(131, 137, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 137, 229) }
```

Border

The CSS property to change the border of an element to XYZ 32.4486, 28.3738, 77.8952 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(131, 137, 229) }
```


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

```
.border{ border-color:rgb(131, 137, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 137, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 137, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 137, 229);  
box-shadow:4px 4px 4px 4px rgb(131, 137,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4486, 28.3738, 77.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 137, 229) }
```

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

```
.background{ background-color: rgb(131,  
137, 229) }
```

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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