

Converting Colors

XYZ(32.5813, 28.0634, 76.5531)

Have a look what the booklet for
XYZ(32.5813, 28.0634, 76.5531)
contains.

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Color

**XYZ(32.5208, 28.0249,
76.3684)**

Conversions

Conversions Part 1

Format	Color
Hex	8787E3
RGB	135, 135, 227
RGB Percent	53%, 53%, 89%
CMY	0.4706, 0.4706, 0.1098
CMYK	0.41, 0.41, 0.00, 0.11
HSL	240°, 62%, 71%
HSV	240°, 41%, 89%
XYZ	32.5208, 28.0249, 76.3684
YIQ	145.4880, -29.5320, 28.6120

Conversions

Conversions Part 2

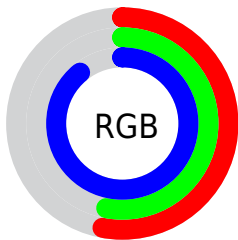
Format	Color
R _Y B	135, 135, 227
Decimal	8882147
CIE Lab	59.91, 22.51, -46.82
CIE LCh	60, 51.946, 295.678
Yxy	28.0249, 0.2375, 0.2047
Android (android.graphics.Color)	4287072227 (0xFF8787E3)
YUV	145.4880, 40.1854, -9.1980
Hunter-Lab	52.9385, 17.0123, -48.4739

Details

The XYZ color **32.5208, 28.0249, 76.3684** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **63.5208, 73.0187, 33.6686**, and the grayscale version is **26.9631, 28.3673, 30.8920**.

A 20% lighter version of the original color is **57.5191, 54.2628, 102.0499**, and **13.9075, 11.1427, 39.9458** is the 20% darker color. If you saturate the color by 10%, you get **26.4137, 20.6660, 75.2704**, and if you desaturate by 10%, it is **40.0837, 37.1375, 77.7292**.

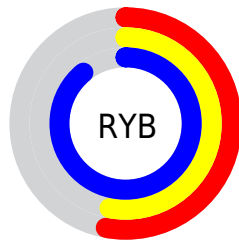
Distribution



Red (53%)

Green (53%)

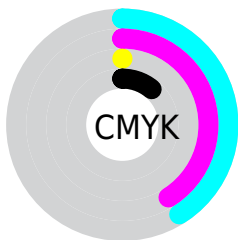
Blue (89%)



Red (53%)

Yellow (53%)

Blue (89%)

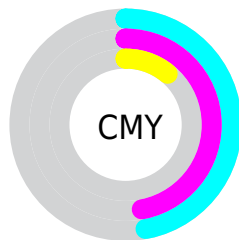


Cyan (41%)

Magenta (41%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5208, 28.0249, 76.3684 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 32.5208, 28.0249, 76.3684 by changing the saturation by 10% instead.

■ 32.5208, 28.0249,
76.3684

■ 32.5208, 28.0249,
76.3684

305.1882,
292.5859, 501.9882

■ 21.9171, 18.3444,
56.2262

■ 62.9864, 56.5242,
130.0124

■ 13.9122, 11.1976,
39.9791

■ 83.5789, 76.1118,
164.3512

■ 8.1409, 6.1999,
27.2086

■ 108.2317, 99.7706,
204.2594

■ 4.2378, 2.9670,
17.4961

137.3103,
127.8849, 250.1553

■ 1.8375, 1.1145,
10.4231

171.1798,
160.8392, 302.4576

■ 0.5401, 0.0000,
5.5712

210.2058,

■ 0.0000, 0.0000,

199.0179, 361.5849

2.5216

254.7534,
242.8053, 427.9556

■ 0.0000, 0.0000,
0.8516

■ 0.0000, 0.0000,
0.0000

■ 32.5208, 28.0249,
76.3684

■ 32.5208, 28.0249,
76.3684

■ 26.4137, 20.6660,
75.2704

■ 40.0837, 37.1375,
77.7292

■ 21.6661, 14.9454,
74.4164

■ 49.1843, 48.1031,
79.3662

■ 18.1748, 10.7387,
73.7885

■ 59.9021, 61.0174,
81.2940

■ 15.8210, 7.9026,
73.3651

■ 72.3101, 75.9684,
83.5258

■ 14.4628, 6.2661,
73.1208

■ 86.4771, 93.0388,
86.0741

■ 13.8653, 5.5461,
73.0134

■ 90.8652, 98.3261,
86.8633

Harmonies

Analogous

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



25.6921, 28.0249, 82.9738



32.5208, 28.0249, 76.3684



38.5480, 28.0249, 55.9269

Triad

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



32.5208, 28.0249, 76.3684



34.4494, 28.0249, 9.2688



15.8835, 28.0249, 27.8573

Complementary

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



32.5208, 28.0249, 76.3684



63.5208, 73.0187, 33.6686

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.



17.4731, 28.0249, 14.2708



32.5208, 28.0249, 76.3684



27.6044, 28.0249, 6.7317

Square

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



32.5208, 28.0249, 76.3684



39.7843, 28.0249, 17.3232



21.5092, 28.0249, 8.0858



16.7612, 28.0249, 49.1205

Rectangle

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



32.5208, 28.0249, 76.3684



40.9167, 28.0249, 40.4134



21.5092, 28.0249, 8.0858



16.1386, 28.0249, 22.3801

Sweetspot

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



32.5219, 28.0259, 76.3691



75.6781, 76.6580, 105.4155



51.3266, 65.6358, 82.6374



15.7887, 15.9145, 22.4896



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.



32.5219, 28.0259, 76.3691



35.2533, 27.9486, 98.1443



41.5859, 32.6986, 76.7933



13.5829, 13.8872, 18.1089



8.0862, 3.2345, 42.5813



0.5976, 0.2390, 3.1466

Inverse Universe

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



54.2081, 39.2056, 77.3826



67.2789, 44.4584, 99.6409



50.8991, 66.5119, 33.0779



14.9952, 14.6153, 18.1750



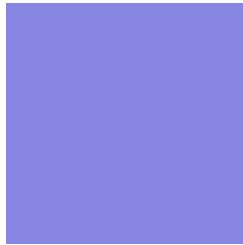
26.5609, 12.7586, 43.4439



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 32.5208, 28.0249, 76.3684 looks on a white background.

Color Contrast Check

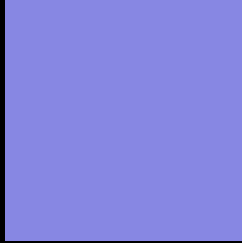
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5208, 28.0249, 76.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

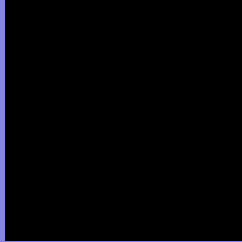
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5208, 28.0249, 76.3684

Background



This preview shows how black text looks on a background with the XYZ color 32.5208, 28.0249, 76.3684.



This preview shows how white text looks on a background with the XYZ color 32.5208, 28.0249,

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

32.5208, 28.0249, 76.3684

Protanopia

30.3970, 28.1272, 80.1709

Deuteranopia

28.9307, 28.1495, 75.1427



Tritanopia

24.7882, 27.9900, 37.8144

Trichromacy



Original Color

32.5208, 28.0249, 76.3684

Protanomaly

30.9868, 28.0300, 78.6401

Deuteranomaly

30.0624, 28.0515, 75.7815

Tritanomaly

27.1877, 27.8093, 49.8337

Monochromacy



Original Color

32.5208, 28.0249, 76.3684

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.2472, 27.8076, 44.4361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5208, 28.0249, 76.3684 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(135, 135, 227)` looks like.

```
.text, #text, p{  
    color:rgb(135, 135, 227)  
}
```

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(135, 135, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 135, 227) }
```

Border

The CSS property to change the border of an element to XYZ 32.5208, 28.0249, 76.3684 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(135, 135, 227) }
```


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

```
.border{ border-color:rgb(135, 135, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 135, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 135, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 135, 227);  
box-shadow:4px 4px 4px 4px rgb(135, 135,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5208, 28.0249, 76.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 135, 227) }
```

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

```
.background{ background-color: rgb(135,  
135, 227) }
```

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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