

Converting Colors

XYZ(32.9518, 28.7417, 63.4855)

Have a look what the booklet for
XYZ(32.9518, 28.7417, 63.4855)
contains.

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Color

**XYZ(32.9518, 28.7417,
63.4855)**

Conversions

Conversions Part 1

Format	Color
Hex	9788D0
RGB	151, 136, 208
RGB Percent	59%, 53%, 82%
CMY	0.4078, 0.4667, 0.1843
CMYK	0.27, 0.35, 0.00, 0.18
HSL	252°, 43%, 67%
HSV	252°, 35%, 82%
XYZ	32.9518, 28.7417, 63.4855
YIQ	148.6930, -14.1720, 25.5720

Conversions

Conversions Part 2

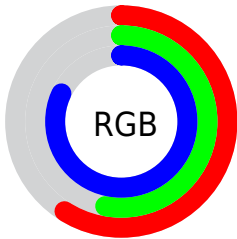
Format	Color
RYB	151, 136, 208
Decimal	9930960
CIELab	60.55, 21.28, -35.10
CIElCh	61, 41.044, 301.231
Yxy	28.7417, 0.2632, 0.2296
Android (android.graphics.Color)	4288121040 (0xFF9788D0)
YUV	148.6930, 29.2384, 2.0232
Hunter-Lab	53.6113, 15.8940, -32.6822

Details

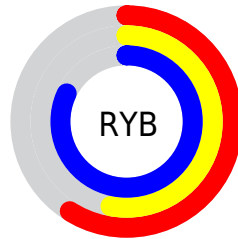
The XYZ color **32.9518, 28.7417, 63.4855** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.9929, 58.2275, 31.9505**, and the grayscale version is **28.3245, 29.7995, 32.4517**.

A 20% lighter version of the original color is **61.9797, 56.8806, 102.3201**, and **14.1146, 11.5522, 31.6229** is the 20% darker color. If you saturate the color by 10%, you get **27.4563, 21.9744, 62.4694**, and if you desaturate by 10%, it is **39.4446, 36.8682, 64.7124**.

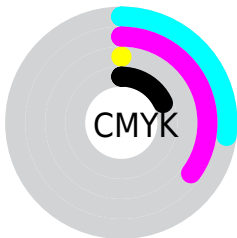
Distribution



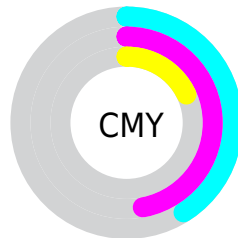
- Red (59%)
- Green (53%)
- Blue (82%)



- Red (59%)
- Yellow (53%)
- Blue (82%)



- Cyan (27%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (41%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9518, 28.7417, 63.4855 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 32.9518, 28.7417, 63.4855 by changing the saturation by 10% instead.

■ 32.9518, 28.7417,
63.4855

■ 32.9518, 28.7417,
63.4855

307.1013,
295.9943, 455.4857

■ 22.2486, 18.8855,
45.7906

■ 63.6555, 57.6664,
111.4620

■ 14.1573, 11.5876,
31.7331

■ 84.3866, 77.5038,
142.5806

■ 8.3126, 6.4635,
20.8946

■ 109.1911,
101.4370, 179.0108

■ 4.3491, 3.1289,
12.8565

138.4343,
129.8504, 221.1713

■ 1.9015, 1.1994,
7.2002

172.4816,
163.1284, 269.4805

■ 0.5777, 0.0612,
3.5073

211.6983,

■ 0.0000, 0.0000,

201.6555, 324.3569

1.3591

256.4497,
245.8160, 386.2191

■ 0.0000, 0.0000,
0.1095

■ 0.0000, 0.0000,
0.0000

■ 32.9518, 28.7417,
63.4855

■ 32.9518, 28.7417,
63.4855

■ 27.4563, 21.9744,
62.4694

■ 39.4446, 36.8682,
64.7124

■ 22.9045, 16.4877,
61.6503

■ 46.9787, 46.4197,
66.1589

■ 19.2421, 12.2004,
61.0158

■ 55.5988, 57.4618,
67.8359

■ 16.4080, 9.0200,
60.5513

■ 65.3464, 70.0551,
69.7529

■ 14.3326, 6.8404,
60.2400

■ 76.2606, 84.2566,
71.9188

■ 12.9339, 5.5336,
60.0614

■ 86.4991, 96.3617,
73.7157

■ 12.3956, 5.0749,
60.0013

■ 88.3853, 97.3341,
73.8040

Harmonies

Analogous

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



27.5377, 28.7417, 70.4980



32.9518, 28.7417, 63.4855



37.2636, 28.7417, 47.5537

Triad

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



32.9518, 28.7417, 63.4855



32.5239, 28.7417, 12.0454



18.3413, 28.7417, 31.9261

Complementary

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



32.9518, 28.7417, 63.4855



48.9929, 58.2275, 31.9505

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.



19.3213, 28.7417, 19.2418



32.9518, 28.7417, 63.4855



27.0997, 28.7417, 10.2407

Square

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



32.9518, 28.7417, 63.4855



36.9949, 28.7417, 18.4671



22.3662, 28.7417, 12.3803



19.4956, 28.7417, 49.0038

Rectangle

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



32.9518, 28.7417, 63.4855



38.6823, 28.7417, 35.9601



22.3662, 28.7417, 12.3803



18.4310, 28.7417, 27.0516

Sweetspot

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



32.9528, 28.7428, 63.4862



80.4069, 81.1660, 106.0364



40.7423, 48.1949, 66.8303



16.8010, 16.8491, 22.6166



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.



32.9528, 28.7428, 63.4862



45.2477, 36.9382, 99.3527



40.5372, 32.6527, 63.8411



11.3905, 11.5346, 14.8697



7.7911, 3.1968, 37.3989



0.5032, 0.2136, 2.0943

Inverse Universe

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



44.4430, 34.8695, 54.8410



66.4776, 48.2738, 82.6711



41.0227, 54.1187, 31.5775



12.2009, 11.9651, 14.3337



20.4625, 10.0578, 23.1394



1.1713, 0.5732, 1.4369

Previews

White Background



This preview shows how the XYZ color 32.9518, 28.7417, 63.4855 looks on a white background.

Color Contrast Check

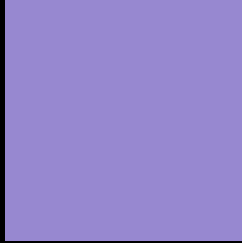
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9518, 28.7417, 63.4855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

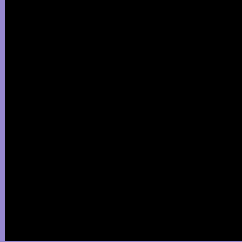
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9518, 28.7417, 63.4855

Background



This preview shows how black text looks on a background with the XYZ color 32.9518, 28.7417, 63.4855.



This preview shows how white text looks on a background with the XYZ color 32.9518, 28.7417,

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

32.9518, 28.7417, 63.4855

Protanopia

30.2792, 29.0125, 67.6224

Deuteranopia

29.4260, 28.6878, 62.3789



Tritanopia

27.4349, 28.6891, 36.4393

Trichromacy



Original Color

32.9518, 28.7417, 63.4855

Protanomaly

31.0814, 28.7898, 66.2062

Deuteranomaly

30.6189, 28.6231, 62.9425

Tritanomaly

29.1865, 28.5003, 45.0371

Monochromacy



Original Color

32.9518, 28.7417, 63.4855

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.8066, 29.3328, 42.1210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9518, 28.7417, 63.4855 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(151, 136, 208)` looks like.

```
.text, #text, p{  
    color:rgb(151, 136, 208)  
}
```

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(151, 136, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 136, 208) }
```

Border

The CSS property to change the border of an element to XYZ 32.9518, 28.7417, 63.4855 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(151, 136, 208) }
```


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

```
.border{ border-color:rgb(151, 136, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 136, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 136, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 136, 208);  
box-shadow:4px 4px 4px 4px rgb(151, 136,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9518, 28.7417, 63.4855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 136, 208) }
```

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

```
.background{ background-color: rgb(151,  
136, 208) }
```

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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